Drinking Water Surveillance Program

DRESDEN WATER TREATMENT PLANT

Annual Report 1989





DRESDEN WATER TREATMENT PLANT

DRINKING WATER SURVEILLANCE PROGRAM

ANNUAL REPORT 1989

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EXECUTIVE SUMMARY

DRINKING WATER SURVEILLANCE PROGRAM

DRESDEN WATER TREATMENT PLANT 1989 ANNUAL REPORT

The Drinking Water Surveillance Program (DWSP) for Ontario is a monitoring program providing immediate, reliable, current information on drinking water quality. The DWSP officially began in April 1986 and is designed to eventually include all municipal supplies in Ontario. In 1989, 65 plants were being monitored.

The Dresden Water Treatment Plant is a direct filtration plant which treats water from the Sydenham River. The process consists of coagulation, floculation, filtration, and disinfection. This plant has a rated capacity of 3.8 x 1000 $\rm m^3/day$ and serves a population of approximately 2500.

Water samples from the raw and treated water at the plant and from two sampling sites in the distribution system were taken monthly and analyzed for the presence of approx_mately 180 parameters. Parameters were divided into the following groups: Bacteriological, Inorganic and Physical (Laboratory Chemistry, Field Chemistry and Metals) and Organic (Chloroaromatics, Chlorophenols, Pesticides and PCB, Phenolics, Polyaromatic Hydrocarbons, Specific Pesticides and Volatiles).

A summary of results is shown in Table A.

The Ontario Drinking Water Objective (ODWO) of 10 mg/L for nitrates was exceeded in the treated and distributed waters sampled in February, April and June. The ODWO for turbidity of 1 Formazin Turbidity Unit was exceeded in the treated water in February. The District Officer was notified on all occasions.

All other Inorganic and Physical parameters were below any applicable health related ODWOs.

Samples were analyzed monthly for the presence of approximately 110 Organics. Levels did not exceed health related guidelines.

While no ODWOs for pesticides were exceeded, more are found at quantifiable levels in the Dresden Supply than at any other supply in the program. The 1989 DWSP sampling results confirm those of previous years and indicate that the source water is adversely impacted as a result of agricultural activities in the watershed.

DRESDEN WTP DRINKING WATER SURVEILLANCE PROGRAM

SUMMARY TABLE BY SCAN

		RAW	TRE	REATED		S	SITE 1		S	SITE 2	
SCAN	TESTS	TESTS POSITIVE XPOSITIVE TESTS POSITIVE XPOSITIVE TESTS POSITIVE XPOSITIVE TESTS POSITIVE XPO	TESTS	POSITIVE	%POS111VE	TESTS	POST TIVE	%POSITIVE	TESTS	POSITIV	E %POS

4 6	6	RAW		E !	TREATED		S	SITE 1		0	SITE 2	
SCAN	IESIS	POSITIVE	IVE XPOSITIVE	TESTS	POSITIVE	%POS171VE	TESTS	POSITIVE XPO	CPOSITIVE	TESTS	IESIS POSITIVE XPOSITIVE TESIS POSITIVE XPOSITIVE TESIS POSITIVE XPOSITIVE TESIS POSITIVE XPOSITIVE	SITIVE *POSITIVE
BACTERIOLOGICAL	39	37	76	38	Ξ	30	36	14	38	27	13	87
CHEMISTRY (FLD)	27	27	100	24	53	86	113	109	8	8	78	26
CHEMISTRY (LAB)	273	255	66	273	222	81	777	392	88	316	281	88
METALS	311	202	2	311	172	55	564	342	8	700	242	8
CHLOROAROMATICS	181	0	0	153	0	0	168	0	0	125	0	0
CHLOROPHENOLS	12	0	0	12	0	0	٠	٠	٠	•	٠	
РАН	500	0	0	500	0	0	•	٠	٠	٠	٠	٠
PESTICIDES & PCB	775	60	-	700	60	2	330	4	-	524	4	1
PHEMOLICS	13	12	92	13	12	92		٠	٠	•		
SPECIFIC PESTICIDES	2	0	0	95	0	0	12	0	0	6	0	0
VOLATILES	377	-	0	377	51	13	348	25	13	261	35	13
	1948	545		1900	529		2015	908		1472	653	

THE OOWD FOR TURBIBLITY (1 FTU) WAS EXCEEDED IN TWO TREATED WATERS THE OOWD FOR TOTAL MITRATE(10 MG/L) WAS EXCEEDED IN THREE TREATED WATERS

A POSITIVE VALUE DENOTES THAT THE RESULT IS GREATER THAN THE STATISTICAL LIMIT OF DETECTION AND IS QUANTIFIABLE

A .. INDICATES THAT NO SAMPLE WAS TAKEN

DRINKING WATER SURVEILLANCE PROGRAM

DRESDEN WATER TREATMENT PLANT 1989 ANNUAL REPORT

INTRODUCTION

The Drinking Water Surveillance Program (DWSP) for Ontario is a monitoring program providing immediate, reliable, current information on drinking water quality. The DWSP officially began in April 1986 and is designed to eventually include all municipal supplies in Ontario. In 1989, 65 plants were being monitored.

The DWSP was initiated at the Dresden Water Treatment Plant in February of 1986. Annual reports were published for 1986 (ISBN 0-7729-2552-6), 1987 and 1988(ISSN 0839-8984).

This report contains information and results for 1989.

In order to accommodate the increased number of plants on the DWSP and to facilitate the timely completion of the 1989 annual reports, plants with two or more years of published data will receive an abbreviated annual report. This report maintains the same general format as in previous years but does not include a comprehensive discussion of the results. For more detail on the parameters analyzed and discussion of the results, consult the 1987 and 1988 reports.

PLANT DESCRIPTION

The Dresden Water Treatment Plant is a conventional treatment plant which treats water from the Sydenham River. The process consists of coagulation, flocculation (upflow clarifier), filtration and disinfection. Sodium silicate activated with sodium bicarbonate is used as a coagulant aid and potassium permanganate is used for taste and odour control. Powdered activated carbon is applied for pesticide removal. This plant has a rated capacity of 3.8 x 1000 m³/day and sample day flows ranging from 1.9 x 1000 m³/day to 7.2 x 1000 m³/day. The Dresden plant serves a population of approximately 2500.

The plant location is shown in Figure 1. Plant process details, in a block schematic, are shown in Figure 2. General plant information is presented in Table 2.

SAMPLING AND ANALYSIS

Plant operating personnel perform analyses on parameters for process control (Table 1).

Water at the Dresden Water Treatment plant and at two locations in the distribution system was sampled for the presence of approximately 180 parameters monthly in 1989. The Specific

FIGURE 1

DRINKING WATER SURVEILLANCE PROGRAM SITE LOCATION MAP DRESDEN WATER TREATMENT PLANT



FIGURE 2

DRESDEN WATER TREATMENT PLANT

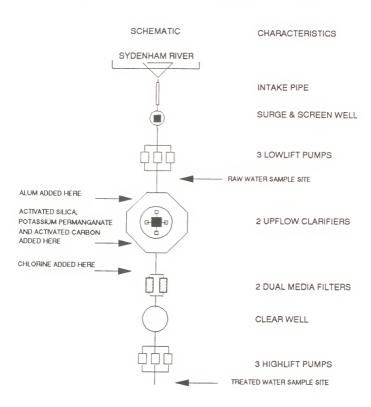


TABLE 1

DRINKING WATER SURVEILLANCE PROGRAM ANNUAL REPORT IN-PLANT MONITORING DRESDEN WTP 1989

PARAMETER	LOCATION	FREQUENCY
Chlorine residual-combined -free	After filters Treated water	4 times/day 4 times/day
Temperature	Raw water	daily
Turbidity	Raw water Clarifier effluent Treated water	daily daily 3 times/day

TABLE 2

DRINKING WATER SURVEILLANCE PROGRAM ANNUAL REPORT

GENERAL INFORMATION

DRESDEN WATER TREATMENT PLANT

LOCATION: 749 PEEL STREET, P.O. BOX 1120

DRESDEN, ONTARIO NOP 1MO (519-683-6103)

SOURCE: RAW WATER SOURCE - SYDENHAM RIVER

RATED CAPACITY: 3.8 (1000 M3/DAY)

OPERATION: MINISTRY OF THE ENVIRONMENT

PLANT SUPERINTENDENT: C. SHERMAN

MINISTRY REGION: SOUTHWEST

DISTRICT OFFICER: O. WIGLE

MUNICIPALITY POPULATION SERVED____

DRESDEN 2,504

Samples for pesticide and chlorophenol analysis were taken in June and November only. Polyaromatic Hydrocarbons and Phenolics are only analyzed in the raw and treated water at the plant. As of August 1989, the analysis of Triazine pesticides was dropped from the distribution sample. Laboratory analysis was conducted at the Ministry of the Environment facilities in Rexdale, Ontario.

RESULTS

Field Chemistry measurements were recorded on the day of sampling and were entered on the DWSP data base as submitted by plant personnel.

Table 3 contains information on the sample day retention time, flow rate and treatment chemicals used and their associated dosages. In April 1989, plant personnel encountered problems with flow meters and no longer reported the flow rates or chemical dosages.

Table 4 is a summary break-down of the number of water samples analyzed by parameter and by water type. The number of times that a positive or trace result was detected is also reported.

Positive denotes that the result is greater than the statistical limit of detection established by the Ministry if the Environment (MOE) laboratory staff and is quantifiable. Trace (<T) denotes that the level measured is greater than the lowest value detectable

by the method but lies so close to the detection limit that it cannot be confidently quantified.

Table 5 presents the results for parameters detected on at least one occasion.

Table 6 lists all parameters analyzed in DWSP.

Associated guidelines and detection limits are also supplied on tables 5 and 6. Parameters are listed alphabetically within each scan.

DISCUSSION

General

Water quality is judged by comparison with the Ontario Drinking Water Objectives (ODWOs) as defined in the 1984 publication (ISBN 0-7743-8985-0). The Province of Ontario has health related and aesthetic objectives for 49 parameters. These are currently under review. When an ODWO is not available, guidelines/limits from other agencies are consulted. The Parameters Listing System (PALIS), recently published (ISBN 0-7729-4461-X) by the MOE, catalogues and keeps current over 1750 guidelines for 650 parameters from agencies throughout the world.

Many of the compounds detected are naturally occurring or are

treatment by-products.

IN THIS REPORT, DISCUSSION IS LIMITED TO THE TREATED AND DISTRIBUTED WATER AND ADDRESSES ONLY THOSE PARAMETERS WITH CONCENTRATIONS ABOVE GUIDELINE VALUES AND ORGANIC PARAMETERS WITH POSITIVE RESULTS.

BACTERIOLOGY

Standard Plate Count

Standard Plate Count is a test used to supplement routine analysis for Coliform bacteria. The limit for Standard Plate Count (at 35°C after 48 hours) in the ODWOs is 500 organisms per mL (based on a geometric mean of 5 or more samples). One treated water sample and three samples from each distribution location were above the ODWO.

INORGANIC AND PHYSICAL PARAMETERS

NITRATE

The ODWO of 10.0 mg/L for Total Nitrates was exceeded in both the treated and distributed waters samples in February, April and June. The District Officer was notified.

Ammonia

The Total Ammonium level for the March treated water sample is high. While the European Economic Community has an aesthetic guideline of .05 mg/L, the Maximum Admissible Concentration is .50 mg/L and is set as a result of the concern for potential sewage pollution and its detection.

TURBIDITY

The ODWO of 1.0 Formazin Turbidity Unit (FTU) was exceeded in the January and February treated water samples as reported by the laboratory turbidity values. The field turbidity result for January supported the laboratory result but the February value did not. Protocol for turbidity states that measurements should be made within 48 hours. This is not always achieved except when measured in the field, the field turbidity values are therefore considered the more reliable. The District Officer was notified for the January results.

COLOUR

The aesthetic ODWO of 5.0 True Colour Units (TCU) was exceeded six times in treated water and thirteen times in both distribution locations.

HARDNESS

The aesthetic ODWO indicates that a hardness level of between 80 and 100 mg/L, as the equivalent quantity of calcium carbonate. is

appropriate and water supplies with a hardness greater than 200 mg/L are considered poor. Hardness values in the Dresden supply ranged from 221 - 405 mg/L as Calcium Carbonate.

Other parameters associated with hardness, calcium and conductivity were also above their respective aesthetic limits.

ALUMINUM

The plant operational guideline of 100 $\mu g/L$ as Al in the water leaving the plant was exceeded seven times in the treated water.

ORGANIC PARAMETERS

ATRAZINE

Atrazine was detected positive levels in four treated water samples and in five distribution samples. Atrazine values ranged to a maximum of 3,320 ng/L in the distributed water. Health and Welfare Canada has an interim Maximum Acceptable Concentration (IMAC) for Atrazine in drinking water of 60,000 ng/L.

CYANAZINE

Cyanazine (Bladex) was detected at positive levels in June at all sample locations with reported values ranging from 1,420 ng/L to 2,230 ng/L. Health and Welfare Canada has an interim Maximum Acceptable Concentration (IMAC) for Cyanazine in drinking water of 10,003 ng/L.

METOLACHLOR

Metolachlor was detected at positive levels in June at all sample locations. Reported values ranged from 4,480 ng/L to 6,200 ng/L. Health and Welfare Canada has an interim Maximum Acceptable Concentration (IMAC) for Metolachlor in drinking water of 50,000 ng/L.

TRIHALOMETHANES

Trihalomethanes (THMs) are acknowledged to be produced during the water treatment process and will always occur in chlorinated surface waters. THMs are comprised of Chloroform, Chlorodibromomethane and Dichlorobromomethane. Bromoform occurs occasionally. Results are reported for the individual compounds as well as for total THMs. All Total THM occurrences in the treated and distributed samples ranging from 11.1 μ g/L to 141.4 μ g/L, were well below the ODWO of 350 μ g/L.

CONCLUSIONS

Health related ODWO guidelines were exceeded in 1989 for two parameters. Total nitrate values were above the guideline in the treated and distributed water samples on three occasions. The ODWO for turbidity was exceeded in one treated water sample.

The results listed in this report for 1989 are consistent with results reported for previous years.

As was determined in 1986, 1987 and 1988 more pesticides were detected at this supply than at any other supply included in DWSP, which is indicative of the agricultural nature of the watershed.

None of the reported pesticides measured on DWSP exceeded any drinking water guidelines.

Although the overall treatment process is efficient and produces a good quality water, a review of the results indicate that the raw water source, adversely impacted by agricultural runoff from the watershed, is often of poor quality and this is reflected in the treated water.

RECOMMENDATIONS

One recommendation can be made:

1. A higher dosage of powder activated carbon, during those months when pesticides are at their highest in the raw water, may promote a greater reduction in levels in the treated water.

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DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WIP SAMPLE DAY CONDITIONS FOR 1989

TREATMENT CHEMICAL DOSAGES (MG/L)

SAMPLE DAY CONDITIONS

			COAGULATION	COAGULATION AID	TASTE & ODOUR	POST PH ADJUSTMEN	POST-CHLORINATION	ACTIVATION
			ALUM DRY	SODIUM SILICATE	POTASSIUM PERMANGANATE CALCIUM CARBONATE	CALCIUM CARBONATE	CHLORINE	SODIUM BICARBONATE
	DELAY*	FLOW						
DATE	TIME (HRS)	TIME(HRS) (1000M3)						
			07 76		7/ 12 00 1 17 17 17 17 17 17 17 17 17 17 17 17 1		8	74 12
JAN 03	0.	0.0	74.00	4C.4	=		40.1	21.0
JAN 10	2.0	4.0	50.29	6.16	.25	12.32	1.12	5.31
FEB 14	5:	3.7	28.	2,91	.12		1.85	2.51
MAR 14	5:	0.	1.20	06.	.10			.80

* THE DELAY TIME BETWEEN THE RAW AND TREATED WATER SAMPLING, SHOULD ESTIMATE THE RETENTION TIME.

TABLE 4

					İ								
SCAN	PARAMETER	TOTAL	RAW TOTAL POSITIVE TRACE	TRACE	101	TREATED . TOTAL POSITIVE TRACE	TRACE	TOTAL	SITE 1 POSITIVE	TRACE	TOTAL	SITE 1 SITE 2 TOTAL POSITIVE TRACE TOTAL POSITIVE TRACE	TRACE
BACTERIOLOGICAL	FECAL COLIFORM MF	13	£1	٥					'				
	STANDRD PLATE CNT MF	•	٠	٠	12	60	0	12	٥	0	٥	7	0
	TOTAL COLIFORM MF	13	Ξ	0	12	-	0	12	-	0	٥	2	0
	T COLIFORM BCKGRD MF	13	13	0	12	2	0	12	4	0	٥	4	0
"TOTAL SCAN BACTERIOLOGICAL	OLOGICAL	39		0	36	Ξ	0	36	1,	0	27	13	0
*TOTAL GROUP BACTERIOLOGICAL	10L0G1CAL	39		0	36	=======================================	0	36	14	0	27		0
CHEMISTRY (FLO)	FLD CHLORINE (COMB)	٠		٠	٥	60	0	6	17	0	14	£1	0
	FLD CHLORINE FREE	٠	٠	•	0	٥	0	20	19	0	13		0
	FLD CHLORINE (TOTAL)	•	•	•	٥	٥	0	20	19	0	14	14	0
	FLO PH	٥	٥	0	6	6	0	19	19	0	14		0
	FLO TEMPERATURE	٥	٥	0	0	6	0	19	19	0	14	14	0
	FLD TURBIDITY	6	٥	0	0	٥	0	16	16	0	Ξ		0
"TOTAL SCAN CHEMISTRY (FLD)	ty (FLD)	27	27	0	24	53	0	113	109	0	80	82	0
CHEMISTRY (LAB) ALKALINITY	ALKALINITY	5	- 13	0	13	13	٥	24	54	۰	17	17	
	CALCIUM	13	13	0	13	13	0	54	54	0	17	17	0
	CYANIDE	13	0	0	13	0	0	12	0	-	٥	0	0
	CHLORIDE	13	13	0	13	13	0	54	54	0	17	17	0
	COLOUR	13	12	-	13	12	-	54	22	2	17	16	-
	CONDUCTIVITY	13	13	0	13	13	0	54	54	0	17	17	0

TABLE 4

					101							0 2110	
SCAN	PARAMETER	TOTAL	TOTAL POSITIVE TRACE	TRACE		TREATED TOTAL POSITIVE TRACE	TRACE	SITE 1 TOTAL POSITIVE TRACE	E 1 SITIVE	TRACE	TOTAL	TOTAL POSITIVE TRACE	TRACE
CHEMISTRY (LAB)	FLUORIDE	13	13	٥	12	13	0	24	22	0	17	15	
	HARDNESS	13	13	0	13	13	0	54	54	0	17	17	0
	TONCAL	13	13	0	13	13	0	57	54	0	18	17	0
	LANGELIERS INDEX	13	13	0	13	13	0	57	54	0	17	17	0
	MAGNESIUM	13	13	0	13	13	0	5%	54	0	17	17	0
	MU1008	13	13	0	13	13	0	57	54	0	17	17	0
	AMMONTUM TOTAL	13	10	2	13	2	60	58	7	Ξ	17	60	2
	MITRITE	13	13	0	13	2	60	57	5	18	17	4	13
	TOTAL MITRATES	13	13	0	13	13	0	54	54	0	17	17	0
	NITROGEN TOT KJELD	13	13	0	13	13	0	57	54	0	17	17	0
	РН	13	13	0	13	13	0	54	54	0	17	17	0
	PHOSPHORUS FIL REACT	13	12	-	13	4	60		٠	٠	•		
	PHOSPHORUS TOTAL	13	13	0	13	7	9	٠	•	٠	•	٠	٠
	SULPHATE	13	13	0	13	13	0	57	54	0	17	17	0
	TURBIDITY	13	13	0	13	13	0	54	54	0	17	17	0
"TOTAL SCAN CHEMISTRY (LAB)	r (LAB)	273	255	4	273	222	31	777	392	32	316	281	20
METALS	SILVER	13	0		13	0	2	54	0	7	17	0	
	ALUMINUM	13	13	0	13	13	0	57	54	0	17	17	0
	ARSENIC	13	٥	4	13	2	80	54	12	12	17	5	12
	BARIUM	13	13	0	13	13	0	57	54	0	17	17	0
	BORON	13	13	0	13	13	0	57	57	0	17	17	0
	BERYLLIUM	13	0	12	13	0	60	54	2	16	17	0	_

TABLE 4

		SITE											
			RAW		Ξ	TREATED		SITE 1	-		SITE 2	2	
SCAN	PARAMETER	TOTAL	TOTAL POSITIVE TRACE	TRACE	TOTAL	TOTAL POSITIVE TRACE	TRACE	TOTAL POSITIVE TRACE	TTIVE 1	RACE	TOTAL POSITIVE TRACE	ITIVE T	SACE
METALS	CADMIUM	13	0	60	13	0	2	24	0	٥	17	0	5
	COBALT	13	~	12	13	0	Ξ	54	0	19	17	0	14
	CHROMIUM	13	10	-	13	7	4	54	20	0	17	10	m
	COPPER	13	12	-	13	12	-	54	23	-	17	17	0
	IRON	13	13	0	13	0	5	57	0	60	17	9	Ξ
	MERCURY	12	2	6	12	2	6	12	0	10	6	-	7
	MANGANESE	13	13	0	13	13	0	54	57	0	17	17	0
	MOLYBDENUM	13	12	-	13	13	0	54	54	0	17	17	0
	NICKEL	13	2	2	13	-	٥	54	9	15	17	0	7
	LEAD	13	12	-	13	7	2	54	12	M	17	17	0
	ANTIMONY	13	Ξ	2	13	13	0	57	22	2	17	15	2
	SELENIUM	13	0	9	13	2	10	54	9	18	17	2	4
	STRONTIUM	13	13	0	13	13	0	54	54	0	17	17	0
	TITANIUM	13	13	0	13	13	0	54	54	0	17	17	0
	THALLIUM	13	0	8	13	0	9	54	0	60	17	0	60
	URANIUM	13	13	0	13	13	0	54	57	0	17	17	0
	VANADIUM	13	13	0	13	9	7	54	15	6	17	7	0
	ZINC	13	13	0	13	13	0	5%	5%	0	11	17	0
*TOTAL SCAN METALS		311	202	77	311	172	8	20%	342	134	700	242	108
*TOTAL GROUP INORGANIC & PHYSICAL	INIC & PHYSICAL	611	484	100	638	277	121	1121	843	9	962	109	128
CHLOROAROMATICS	HEXACHLOROBUTAD1ENE	13	0	0	Ξ	0	0	12	0	0	٥	0	0
	123 TRICHLOROBENZENE	13	0	0	Ξ	0	0	12	0	0	6	0	0

/ 210

		SITE											
SCAN	PARAMETER	TOTAL	RAW TOTAL POSITIVE TRACE	TRACE		TREATED	TRACE	TOTAL	SITE 1 POSITIVE	TRACE	TREATED SITE 1 SITE 2 TOTAL POSITIVE TRACE TOTAL POSITIVE TRACE	2 ITIVE	FRACE
CHLOROAROMATICS	1234 T-CHLOROBENZENE	13	0	0	=	0	0	12	0	0	٥	0	0
	1235 T-CHLOROBENZENE	13	0	0	-	0	0	12	0	0	0-	0	0
	124 TRICHLOROBENZENE	13	0	0	=	0	0	12	0	0	0	0	0
	1245 T-CHLOROBENZENE	13	0	0	Ξ	0	0	12	0	0	0.	0	0
	135 TRICHLOROBENZENE	13	0	0	1	0	0	12	0	0	٥	0	0
	HCB	13	0	0	11	0	0	12	0	0	6	0	0
	HEXACHLOROETHANE	12	0	0	10	0	0	12	0	0	80	0	0
	OCTACHLOROSTYRENE	13	0	0	1	0	0	12	0	0	0	0	0
	PENTACHLOROBENZENE	13	0	0	1	0	0	12	0	0	0	0	0
	236 TRICHLOROTOLUENE	13	0	0	11	0	0	12	0	0	0	0	0
	245 TRICHLOROTOLUENE	13	0	0	=	0	0	12	0	0	0	0	0
	26A TRICHLOROTOLUENE	13	0	0	Ξ	0	0	12	0	0	٥	0	0
*TOTAL SCAN CHLOROAROMATICS	DMATICS	181	0	0	153	0	0	168	0	0	125	0	0
						1							
CHLOROPHENOLS	234 TRICHLOROPHENOL	2	0	0	2	0	0		٠	•			
	2345 T-CHLOROPHENOL	2	0	0	2	0	0	٠		•			
	2356 T-CHLOROPHENOL	2	0	0	2	0	0	•		٠		٠	
	245-TRICHLOROPHENOL	2	0	0	2	0	0	•	٠	٠		٠	٠
	246-TRICHLOROPHENOL	2	0	0	2	0	0	٠		•	٠	٠	٠
	PENTACHLOROPHENOL	2	0	0	2	0	0	٠	٠	•			
*TOTAL SCAN CHLOROPHENOLS	ENOLS	12	0	0	12	0	0	0	0	0	0	0	0

TABLE 4

SUMMARY TARIF OF RESULTS (1980)

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STATE OF	

		SITE											
			RAW		TREATED	6		٠,	SITE 1		SITE 2		
SCAN	PARAMETER	TOTAL	TOTAL POSITIVE TRACE	TRACE	TOTAL POSITIVE TRACE	T IVE T	RACE	TOTAL	TOTAL POSITIVE TRACE	TRACE	TOTAL	VE TR	ÇE
РАН	PHEMANTHREME	13	0	0	13	0	0						1
	ANTHRACENE	12	0	0	12	0	0		•				•
	FLUORANTHEME	13	0	0	13	0	0	٠					
	PYREME	13	0	0	13	0	0		•				
	BENZO(A)ANTHRACENE	13	0	0	13	0	0	•					
	CHRYSENE	13	0	0	13	0	0	٠	•	•			•
	DIMETH. BENZ(A)ANTHR	80	0	0	60	0	0	•					•
	BENZO(E) PYRENE	13	0	0	13	0	0	٠	•				
	BENZO(B) FLUORANTHEN	13	0	0	13	0	0	٠		٠			
	PERYLENE	13	0	0	13	0	0			•			
	BENZO(K) FLUORANTHEN	13	0	0	13	0	0	•	•	•			•
	BENZO(A) PYRENE	7	0	0	2	0	0	•		•			٠
	BENZO(G, H, 1) PERYLEN	13	0	0	13	0	0	٠	•	•			٠
	DIBENZO(A, H) ANTHRAC	13	0	0	13	0	0			•			•
	INDENO(1,2,3-C,0) PY	13	0	0	13	0	0	٠	•	٠			•
	BENZO(B) CHRYSENE	13	0	0	13	0	0	•		•			•
	CORONENE	1	0	0	13	0	0	٠		٠			•
*TOTAL SCAN PAH		500	0	0	500	0	0	0	0	0	0	0	0
PESTICIDES & PCB	ALDRIM	13	0	0	=	0	0	12	0	0	6	0	0
	ALPHA BHC	13	0	2	Ξ	0	2	12	0	2	6	0	2
	BETA BHC	13	0	0	=	0	0	12	0	0	6	0	0
	- PADAME	2.5	•	c	;		e		•				

TABLE 4

SUMMARY TABLE OF RESULTS (1989)

SCAN
PESTICIDES & PCB

		RAW		_	TREATED		SITE 1			SITE	2	
PARAMETER	TOTAL	TOTAL POSITIVE TRACE	TRACE	TOTAL	TOTAL POSITIVE TRACE	RACE	TOTAL POSITIVE TRACE	NE.	TRACE	TOTAL POSITIVE TRACE	TIVE	TRACE
ALPHA CHLORDANE	13	0	0	=	0	0	12	0	0	٥	0	. 0
GAMMA CHLORDANE	13	0	0	1	0	0	12	0	0	6	0	0
DIELDRIN	13	0	0	11	0	0	12	0	0	٥	0	0
METHOXYCHLOR	13	0	0	Ε	0	0	12	0	0	٥	0	0
ENDOSUL FAN 1	13	0	0	=	0	0	12	0	0	٥	0	0
ENDOSULFAN 11	13	0	0	Ξ	0	0	12	0	0	6	0	0
ENDRIN	13	0	0	11	0	0	12	0	0	6	0	0
ENDOSULFAN SULPHATE	13	0	0	=======================================	0	0	12	0	0	6	0	0
HEPTACHLOR EPOXIDE	13	0	0	11	0	0	12	0	0	6	0	0
HEPTACHLOR	13	0	0	11	0	0	12	0	0	٥	0	0
MIREX	13	0	0	=	0	0	12	0	0	٥	0	0
OXYCHLORDANE	13	0	0	11	0	0	12	0	0	٥	0	0
00001	13	0	0	11	0	0	12	0	0	6	0	0
PCB	13	0	0	=	0	0	12	0	0	6	0	0
000	13	0	0	Ξ	0	0	12	0	0	6	0	0
PPDDE	13	0	0	1	0	0	12	0	0	6	0	0
PPD0T	13	0	0	11	0	0	12	0	0	6	0	0
AMETRINE	13	0	0	13	0	0	9	0	0	2	0	0
ATRAZINE	13	2	2	13	2	m	9	M	-	2	2	-
ATRATONE	13	0	0	13	0	0	9	0	0	2	0	0
CYANAZINE (BLADEX)	13	-	0	13	-	0	9	-	0	2	-	0
D-ETHYL ATRAZINE	13	0	2	13	0	2	9	0	M	2	0	2
D-ETHYL SIMAZINE	13	0	0	13	0	0	9	0	0	2	0	0
PROMETONE	13	0	0	13	0	0	9	0	0	2	0	0
DDOODATINE	1.2	•	٠		•	c	7	•	•			(

TABLE 4

1989	
S	
RESUL	
ö	
TABLE	
SUMMARY	

		SITE												
			RAH			TREATED			SITE 1			SITE 2		
	PARAMETER	TOTAL	OTAL POSITIVE TRACE	TRACE	2	TAL POSITIV	E TRAC	2	TAL POSITIVE	TRAC		TOTAL POSITIVE TRACE TOTAL POSITIVE TRACE TOTAL POSITIVE TRACE TOTAL POSITIVE TRACE	VE TRACE	w :
PESTICIDES & PCB	PROMETRYNE	Ð	_			13			9			5 0		0
	METRIBUZIN (SENCOR)	13	_	_	_	13	0	0	9	_		2 0		0
	SIMAZINE	13		_	_	13	-	0	9	_	0	2		0
	ALACHLOR (LASSO)	13	_	_	_	13	0	0	9	_	0	2 0		0
	METOLACHLOR	13		_	_	13	_	-	9	_	_	5		0
*TOTAL SCAN PESTICIDES & PCB	S & PCB	775	-	15		007	80	13	330		٥	554 4		•
PHENOLICS PHENOLICS	PHENOL I CS	13		12 1	_	13 1	12	-						
*TOTAL SCAN PHENOLICS		13	12		_	13	12	-	0	0	0	0	0	0
SPECIFIC PESTICIDES	TOXAPHENE	12		_	0	10	0	0	12 (0	•	_	0
	2,4,5-1	2		_		2	0	0						
	2,4-D	2		_	0	2	0	0						
	2,4-DB	2		_		2	0	0						
	2,4 D PROPIONIC ACID	-		_		-	0	0						
	DICAMBA	2		_		2	0	0						
	PICHLORAM	0	_	_		0	0	0						
	SILVEX	2		_		2	0	0						
	DIAZINON	2		_		2	0	0						
	DICHLOROVOS	2		_	0	2	0	0						
	CHLORPYRIFOS	2		_		2	0	0						

TABLE 4

			DAU		TOPATES	450						
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL PO	KAW IREATED TOTAL POSITIVE TRACE	01	SITE 1 SITE 2 TOTAL POSITIVE TRACE	E TRACE	TOTAL	SITE 2 POSITIVE	TRACE
SPECIFIC PESTICIDES	ETHION	2	0	0	2	0				!		
	AZINPHOS-METHYL	0	0	0	0	0	_					
	MALATHIOM	2	0	0	2	0	_					
	MEVINPHOS	2	0	0	2	0	_					
	METHYL PARATHION	2	0	0	2	0	_					
	METHYLTRITHION	2	0	0	2	0	_					
	PARATHIOM	2	0	0	2	0	_					
	PHORATE	2	0	0	2	0	_					
	RELDAN	2	0	0	2	0	_					
	ROMNEL	2	0	0	2	0	0					
	AMINOCARB	0	0	0	0	0	_					
	BENONYL	-	0	0	-	0	0					
	BUX	0	0	0	0	0	0			•	•	•
	CARBOFURAN	2	0	0	2	0	0			٠	•	
	CICP	2	0	0	2	0	0					
	DIALLATE	2	0	0	2	0	0					•
	EPTAM	2	0	0	2	0	0			٠		
	IPC	2	0	0	2	0	0			٠	٠	•
	PROPOXUR	2	0	0	2	0	0			٠		•
	CARBARYL	2	0	-	2	0	_			٠	٠	•
	BUTYLATE	2	0	0	2	0	0			٠	•	٠
*TOTAL SCAN SPECIFIC PESTICIDES	PESTICIDES	Z	0	-	62	0	_	12	0 0	٥	0	0
							1.					-
VOLATILES	BENZENE	13	0	0	?	0	0	12	_	0		

TABLE 4

SUMMARY TABLE OF RESULTS (1989)

		SITE										
			RAM		TRE/	TREATED		SI	SITE 1		SITE 2	
SCAN	PARAMETER	TOTAL	TOTAL POSITIVE TRACE TOTAL POSITIVE TRACE	TRACE	TOTAL PO	SITIVE 1	RACE	TOTAL P	TOTAL POSITIVE TRACE TOTAL POSITIVE TRACE	E TOTA	L POSITIVE	TRACE
VOLATILES	TOLUENE	5	0	۰	13	0	2	12	0	2	0 6	7
	ETHYLBENZENE	13	0	5	13	0	3	12	0	4	0 6	
	P-XYLENE	13	0	0	13	0	0	12	0	0	0 6	_
	M-XYLENE	13	0	2	13	0	0	12	0		0 6	_
	O-XYLENE	13	0	-	13	0	-	12	0	_	0 6	_
	STYRENE	13	-	9	13	0	12	12	0	٥	0 6	•
	1.1 DICHLOROETHYLENE	13	0	0	13	0	0	12	0	0	0 6	_
	METHYLENE CHLORIDE	13	0	0	13	0	0	12	0	0	0 6	_
	T1, 201CHLOROETHYLENE	13	0	0	13	0	0	15	0	0	0 6	
	1.1 DICHLOROETHANE	13	0	0	13	0	0	12	0	0	0 6	
	CHLOROFORM	13	0	۳	13	13	0	12	12	0	6	
	V 111, TRICHLOROETHANE	13	0	2	13	0	0	12	0	0	0	
	1,2 DICHLOROETHANE	13	0	0	13	0	0	12	0	0	0 6	
	CARBON TETRACHLORIDE	13	0	0	13	0	0	12	0	0	0 6	
	1.2 DICHLOROPROPANE	13	0	0	13	0	0	12	0	0	0 6	
	TRICHLOROETHYLENE	13	0	0	13	0	0	12	0	0	0	
	DICHLOROBROMOMETHANE	13	0	0	13	13	0	12	12	0	6	
	112 TRICHLOROETHANE	13	0	0	13	0	0	12	0	0	0 6	
	CHLORODIBROMOMETHANE	13	0	0	13	12	0	12	Ξ	_	9	
	T-CHLOROETHYLENE	13	0	0	13	0	2	12	0	m	0 6	_
	BROMOFORM	13	0	0	13	0	2	12	0	2	•	_
	1122 T-CHLOROETHANE	13	0	0	13	0	0	12	0	0	6	_
	CHLOROBENZENE	13	0	0	13	0	0	12	0	0	6	
	1,4 DICHLOROBENZENE	13	0	0	13	0	0	12	0	0	0 6	0
	1,3 DICHLOROBENZENE	13	0	0	13	0	0	12	0	0	6	_

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN

SUMMARY TABLE OF RESULTS (1989)

SCAM			2											
PARAMETER TOTAL POSITIVE TRACE				RAW		1	EATED		SI	TE 1		w	11TE 2	
VOLATILES 1,2 DICHLORGERIZEME 13 0 0 13 0 0 12 0 9 0 VOLATILES ETHLYENE DIBROHIDE 13 0 0 13 0 0 12 0 9 0 *TOTAL SCAN VOLATILES 377 1 25 377 51 29 34.6 47 30 261 35 *TOTAL GROUP ORGANIC 1290 21 42 1226 71 44 856 51 39 649 39	SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL P	OSITIVE	TRACE	TOTAL	POSITIVE	TR.
ETHLYENE DIBROWIDE 13 0 0 13 0 0 12 0 0 9 101L TRIMALOMETHANES 13 0 0 13 13 0 12 12 0 9 101L TRIMALOMETHANES 13 1 25 377 51 29 340 47 30 261 129 1250 71 44 858 51 39 649	VOLATILES	1,2 DICHLOROBENZENE	13	0	0	13	0	0	12	0	0	٥	0	
TOTL TRIMALOMETMANES 13 0 0 13 13 0 12 12 0 9 377 1 25 377 51 29 348 47 30 261 1298 21 42 1226 71 44 858 51 39 649		ETHLYENE DIBROMIDE	13	0	0	13	0	0	12	0	0	0	0	
3 377 1 25 377 51 29 348 47 30 261 1298 21 42 1226 71 44 858 51 39 649		TOTL TRIMALOMETHANES	13	0	0	13	13	0	12	12	0	6	٥	
1298 21 42 1226 71 44 858 51 39 649	*TOTAL SCAN VOLATILES		377	-	25	377				47		261	35	
	*TOTAL GROUP ORGANIC		1298		45	1226		77	858	51		679		_
	TOTAL		1948	545	123	1900	529	165	2015	806	205	1472	653	153

KEY TO TABLE 5 and 6

- ONTARIO DRINKING WATER OBJECTIVES (ODWO) A
 - Maximum Acceptable Concentration (MAC)
 - 1+. MAC for Total Trihalomethanes
 - 1*. MAC for Bacteriological Analyses
 - Poor water quality is indicated when :
 - total coliform counts > 0 < 5

 - P/A Bottle Test is present after 48 hours
 - Aeromonas organisms are detected in more than 25% of samples in a single submission or in successive submissions from the same sampling site
 - Pseudomonas Aeruginosa, Staphylococcus Aureus and members of the Fecal Streptococcus group should not be detected in any sample
 - Standard Plate Count should not exceed 500 organisms per ml at 35 °C within 48 hours
 - Interim Maximum Acceptable Concentration (IMAC) 2.
 - Maximum Desirable Concentration (MDC)
 - Aesthetic or Recommended Operational Guideline 4.
 - hardness levels between 80 and 100 mg/L as calcium carbonate are considered to provide an acceptable balance between corrosion and incrustation, water supplies with a hardness >200 mg/L are considered poor and those in excess of 500 mg/L are unacceptable.
- В HEALTH & WELFARE CANADA (H&W)
 - 1. Maximum Acceptable Concentration (MAC)
 - 2. Proposed MAC
 - 3. Interim MAC
 - Aesthetic Objective (AO) (for xylenes, a total)
- C WORLD HEALTH ORGANIZATION (WHO)
 - Guideline Value (GV)
 - 2. Tentative GV
 - Aesthetic GV
- D US ENVIRONMENTAL PROTECTION AGENCY (EPA)
 - Maximum Contaminant Level (MCL)
 - Suggested No-Adverse Effect Level (SNAEL)
 - Lifetime Health Advisory
 - 4. EPA Ambient Water Quality Criteria
 - 5. Maximum Contaminant Level Goal (MCLG)
- F EUROPEAN ECONOMIC COMMUNITY (EEC)
 - Health Related Guideline Level
 - 2. Aesthetic Guideline Level
 - 3. Maximum Admissable Concentration (MADC)
- G CALIFORNIA STATE DEPARTMENT OF HEALTH-GUIDELINE VALUE
- Н USSR MAXIMUM PERMISSIBLE CONCENTRATION
- NEW YORK STATE AMBIENT WATER GUIDELINE Ι
- N/A NONE AVAILABLE

INTERPRETATION OF DATA

The interpretation of analytical results that are obtained from measurements near the limit of detection of the measurement process is subject to greater uncertainty than those at higher concentrations. The principle areas of concern relate to whether the substance has actually been detected, whether it has been properly identified, and whether it is an artifact of the measurement process. In other words, false positives can be caused by the instrumentation or the test procedures used, when in fact these compounds are not present in the sample.

There are several methods to treat data from such measurements:
1. Exclude the low-level data because of this uncertainty factor.
Studies of long-term environmental trends and modelling may however, be adversely affected by the exclusion of such data.
2. Qualify these data so the user is aware of the greater uncertainty associated with their use.

For the Drinking Water Surveillance Program, measurements near the limit of detection of the measurement process are reported with the code "<T". Results qualified by "W" indicate a zero measurement. These results are reported for purposes of modelling and long-term trend analysis and no significance should be attributed to a single determination of a substance below "T" (a single determination may well be a false positive). Repeat analysis or additional data are needed before it can be stated with certainty that the substance in question was truly present. On the other hand, it is less likely that repeated detection of a substance at or near the limit of detection at a specific location is solely due to an artifact in the measurement system, and more likely represents a true positive. The average of such data however, is still only an estimate of the amount of substance present subject to the possible biases of the method used.

LABORATORY RESULTS, REMARK DESCRIPTIONS

•	No Sample Taken
BDL	Below Minimum Measurable Amount
<t< td=""><td>Greater Than Detection Limit But Not Confident (SEE INTERPRETATION OF RESULTS ABOVE)</td></t<>	Greater Than Detection Limit But Not Confident (SEE INTERPRETATION OF RESULTS ABOVE)
>	Results Are Greater Than The Upper Limit
<=>	Approximate Result
!cs	No Data: Contamination Suspected
!IL	No Data: Sample Incorrectly Labelled
!IS	No Data: Insufficient Sample
!IV	No Data: Inverted Septum
!LA	No Data: Laboratory Accident
!LD	No Data: Test Queued After Sample Discarded

```
No Data: Laboratory Accident
! LA
         No Data: Test Queued After Sample Discarded
! LD
         No Data: No Authorization To Perform Reanalysis
! NA
         No Data: No Procedure
! NP
         No Data: Sample Not Received
! NR
         No Data: Obscured Plate
!OP
         No Data: Quality Control Unacceptable
! OU
         No Data: Procedural Error - Sample Discarded
!PE
         No Data: Sample pH Outside Valid Range
! PH
         No Data: Received Empty
!RE
         No Data: See Attached Report (no numeric results)
! RO
         No Data: Sample Missing
! SM
         No Data: Send Separate Sample Properly Preserved
1.55
          No Data: Indeterminant Interference
! IIT
          No Data: Time Expired
!TX
          Approximate, Total Count Exceeded 300 Colonies
A3C
          Additional Peak, Large, Not Priority Pollutant
APL
          Additional Peak, Less Than, Not Priority Pollutant
APS
          Possible Contamination, Improper Cap
CIC
          Calculated Result Only
CRO
          Test Performed On Preserved Sample
PPS
RMP
          P and M-Xylene Not Separated
          Rerun Verification
RRV
RVU
          Reported Value Unusual
          Several Peaks, Small, Not Priority Pollutant
SPS
          Unreliable: Could Not Confirm By Reanalysis
UCR
          Unreliable: Contamination Suspected
UCS
          Unreliable: Indeterminant Interference
UIN
          Positive After X Number of Hours
XP
T# (T06) Result Taken After # Hours
```

WATER TREATMENT PLANT

DISTRIBUTION SYSTEM

	RAW	TREATED	SITE 1		SITE	2	
			STANDING	FREE FLOW	STANDING	FREE FLOW	
X-7	BACTERIO	OLOGICAL					
FECAL CO	LIFORM MF (CT/100)		DET'N L	IMIT = 0	GU1DEL1NE	E = 0 (A1)	
JAN	180 T24						
	1340 124						
FEB	24 124						
MAR	2 R72						
APR	60 T24						
MAY	36						
JUN	288						
JUL	40						
AUG	4						
SEP	26 A3C						
OCT	298						
MOA	20						
DEC	50						
STANDED F	PLATE CHT MF ()	DET'N L	1M1T = 0	GUIDELINE	= 500/ML (A1)	
MAL		3 0 T24					
		6 <=>		7	<=>	10 T	48
FEB				20	124	12 1	24
MAR		135 T48		59	T24 .	51 T	24
APR		0 <=>			<=>	590 T	
MAY		38		59			
JUN		12		187		290	
JUL		14		2400	> .		
AUG		1100		730		2400 >	
SEP		210		11000			
OCT		3 <=>		67		BDL	
NOV		10		59		2400 >	
DEC		7 <=>		2	<=> ,	. 3 <	:=>
TOTAL COL	IFORM MF (CT/100H	(L)	DET'N L	1MIT = 0	GUIDELINE	= 5/100HL(A1)	
JAN	36000 A3C	0 124					
	80000 R48	0 T24	-		T48	0 T	14.8
FEB	2400 T24		•		T24 .	. ОТ	
HAR	5400 A3C	2 T48	•		T24 .	. 0 1	
APR	4400 T24	0 T24			124	. O T	_
HAY	2400	0		0		0 1	24
JUN	2700 A3C	0	•	0		1 A	30
JUL	400 A3C	0	•		A3C		-
AUG	200 <=>	0			A3c .	. 0	
SEP	BDL	0	•	0		•	
OCT	4200 A3C	0	•	0			
NOV	3600 A3C	0	•	0		1 A	120
DEC	3800	0		0		. 0	O.
	M BCKGRD MF (CT/1		DETAM 1		eurer		
COLIFOR	- SCKORD Mr (LI/)	OUNE)	DEI'N L	IMII = U	GUIDELINE	- H/A	
MAL	40000 T24	0 T24					

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT DISTRIBUTION SYSTEM

	RAW		TREATED		SITE	1			SITE 2		
 					STANDING		FREE FLOW		STANDING.	FREE FLOW	
JAN	20000	P48	0	T24			0	T48			1 148
FEB	7300							T24			T24
MAR	41000		8	T48			0	T24		0	T24
APR	22200	T24	0	T24			0	T24		0	124
MAY	20500		0				0				
JUN	80000	A3C	11				46			2400	>
JUL	24800	A3C	0				2400	>			
AUG	14000		0				2400	>		0	
SEP	50000		0				0				
OCT	73000	A3C	0				1			4	
NOV	16000	A3C	0				0			2400	>
DEC	20000		0				0			0	

TABLE 5

TABLE 5

WATER TREATMENT PLANT

DISTRIBUTION SYSTEM

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
	CHEMIS	TRY (FLD)	*************			************
FLD CHLORINE	E (COMB) ()	DET'N LI	IMIT = N/A	GUIDELINE =	N/A
JAN		.300				
		.400	.050	.150	.100	.100
FEB		.300	.200	.400	.200	.100
MAR		.900	.020	.700	.900	.410
MAY			.100			
JUN		.000	.000	.000	.100	.000
AUG		.050	.050	.240	.200	.300
SEP		.300	.050	.050		
OCT	•	.500	.050	.200	•	•
NOV		.500	.050	.300	.100	.200
DEC						
		1.400	.100	.400	.200	.200
LD CHLORINE	FREE ()	DET'N LI	MIT = M/A	GUIDELINE =	N/A
JAN		.600				
		.600	.100	. 150		.100
FEB		.900	.100	.300	.200	.100
HAR		.200	.080	.100	.100	.090
MAY			.100	.100		
JUN		1.000	.000	.100	* .100	.100
AUG		.200	. 100	.010	.100	.200
SEP	-	1.000	.050	.100		
OCT	•		.050	.050	•	
NOV	•	1.200	.100	.150	.100	.100
DEC		.100				
		. 100	.100	.600	.000	.100
D CHLORINE	(TOTAL) ()	DET'M LI	MIT = N/A	GUIDELINE =	N/A
JAN		.900				
		1.000	. 150	.300	.100	.200
FEB		1.200	.300	.700	.400	.200
MAR		1.100	.100	.900	1.000	.500
MAY			.200	.300		
JUN		1.000	.000	.100	. 200	.100
AUG		.250	. 150	.250	.300	.500
SEP		1.300	.100	.150	.550	.500
OCT			.100	.250	•	
NOV	•	1.700	.150	.450	200	700
DEC	•				.200	.300
		1.500	.200	1.000	.200	.300
D PH (DMNS)	LESS)		DET'N LI	HIT = N/A	GUIDELINE =	6.5-8.5(A4)
JAN	7.700	7.100				
	7.900	7.300	7.300	7,100	7,100	7,100
FEB	8.000	7.900	8.000	7.600	7.800	7.800
FEB MAR		7.900 8.100	8.000			
	8.000			7.600 8.100 8.000	7.800 8.000	7.800 8.000

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

MATER TREATMENT PLANT DISTRIBUTION SYSTEM

TABLE 5

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
AUG	7.800	7.500	7.600	8.000	7.600	7.500
SEP	7.900	7.500	7.500	7.500	•	
OCT			7.600	7.600	:	
NOV	8.000	7.700	7.600		7.500	7,500
DEC	7.900	7.400	7.600	7.500	7.400	7,700
FLD TEMPE	RATURE (DEG.C)	DET'N LI	MIT = N/A	GUIDELINE =	15 (A1)
JAN	1.500	2.000				
	2,000	1,000	18,000	5.000	.500	.600
FEB	2,000	2.000	18.000	5.000	4.000	5.000
MAR	1.000	3.000	20,000	5.000	10.000	3.000
MAY			20.000	12.000		
JUN	19,000	20.000	21,000	18.000	15.000	17,000
AUG	23.000	24,000	22.500	23.000	21.000	19.500
SEP	23.000	23,000	22.000	22.000		
OCT			22.500	22.000		
NOV	7.000	7.000	19.500	11.000	13.000	12.000
DEC	2.500	3.000	7.000	•	7.000	8.000
FLD TURBI	DITY (FTU)	DET'N LI	MIT = N/A	GUIDELINE =	1.0 (A1)
HAL	26.000	1,020				
	330,000	.330	.230	.200	.340	.310
FEB	8.300	.150	.290	.190	.280	.310
MAR	21.000	.410	.330	.240		.900
JUN	90.000	.250	.340	.250	.500	.360
AUG	18,000	.400	.590	.590	.720	.700
SEP	105.000	.790	.600	.620		
OCT			.820	.380		
NOV	87.000	.730				
						.400

TABLE 5

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		\$1TE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
ALKALINI		STRY (LAB)	DET IN I	IH17 - 200	C110511W5 -	70 500 (4/)
ALKALIRI	TY (MG/L)		DELINIT	IMIT = .200	GUIDELINE =	30-500 (A4)
JAN	173.300	132.900				
	173.300	142.100	154.700	158.600	152.700	154.700
FEB	245.300	241.000	235.800	238.000	237,800	234.800
MAR	139.600	151.300	155,600	159,300		168.000
APR	198.000	186.200	185.500	181,600	182,000	180.300
HAY	199.500	207,100	202.200	201,100		
JUN	179.900	167.500	178.500	185,000	175.000	176.500
JUL	199.300	192.400	189.700	188,100	173.000	170.300
AUG	154.700	157,700	155.900	159.900	155.900	157,200
SEP	168.600	162.200	159.600	161.000	133.900	137.200
OCT	202.700	188.600	188.800	187.300	189.600	407 400
NOV	193.000	178,600				187.100
DEC	255.000	254.700	193.800 249.600	179.600 245.900	193.600 252.700	192.400 245.900
		254.700	247.000	243.900	232.700	243.900
CALCIUM (MG/L)		DET'N LI	IMIT = .100	GUIDELINE =	100 (F2)
JAH	93.600	90.400				
	85.400	88.000	93.000	92.800	91.200	94.400
FEB	121.000	120.000	117.000	118.000	115.000	123.000
MAR	65,400	70.000	72.600	75.400	113:000	79.800
APR	104.000	103.000	102,000	102.000	100.000	101,000
HAY	100,000	99.000	96,600	95.400	100,000	101.000
JUN	99.200	92.800	101,000			
JUL	89.800	87.400		104.000	97.600	101.000
AUG	67.600		88.000	88.400		
SEP		69.600	69.600	70.600	69.600	70.000
	63.600	62.600	63.200	63.600		•
OCT	84.200	81.400	81.400	79.300	81.200	80.900
NOV	96.400	96.400	97.400	98.400	96.200	97.000
DEC	129.000	126.000	126.000	125,000	127.000	125.000
YANIDE (MG/L)		DET'N LI	MIT = 0.001	GUIDELINE =	.200 (A1)
JAN	BOL	BDL				
	BOL	BDL	•	BDL	•	BOL
FEB	BDL	BOL	•	BOL	•	BOL
NAR	BOL	BOL	•	BDL	*	
APR	BDL	BOL	*			BOL
MAY	BDL			.005 <		BDL
		BDL		BOL		
JUN	BOL	BDL		BOL		BDL
JUL	80L	BDL		BDL		
AUG	BOL	BDL		BDL		BDL
SEP	BOL	BDL		BDL		
OCT	BDL	BOL		BDL		BOL
NOV	BDL	BOL		BOL		BDL
DEC	BDL	BOL		BOL		BOL
HLORIDE	(MG/L)		DET'N LI	MIT = .200	GUIDELINE =	250 (A3)
JAN	29,400	32.100				
344	67.900	32.100				

TABLE 5

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
JAN	27.100	27.900	28.400	30.400	28.300	29.200
FEB	33.100	35.000	35.100	35.300	35.600	35.000
MAR	45.500	50.200	46.100	45.800		41.300
APR	30.500	32.900	32.400	32.200	32.700	32.000
HAY	30.600	32.100	32.700	32.500		
JUW	28,600	30.600	34.000	35.400	32.800	33.000
JUL	33.500	36.300	36.000	35.800		
AUG	28.400	32,200	33.700	34.800	33.000	32.300
SEP	27.000	29.400	29.700	30.400		
OCT	36.600	38.700	38,900	37,600	38.600	37.800
NOV	44,500	49.000	47.600	48.100	47.600	47.300
DEC	45.100	47.500	49.500	48.100	49.200	48.700
COLOUR (H	ZU)		DET'N LIM	IIT = .5	GUIDELINE =	5.0 (A3)
JAN	25.000	4.500				
	18.500	4.500	5.000	4,500	6,500	6.000
FEB	12,000	4.500	5.500	4,500	6,000	6.000
MAR	28.000	19,000	15.000	15.000	0.000	13.500
APR	17.000	6.000	7.000	6.500	8.500	7.500
MAY	11.500	6.000	6.500	6.000	0.500	11300
JUN	1.500 <7	1.500 <t< td=""><td>1.000 <7</td><td>1.000 <t< td=""><td>1.000 <t< td=""><td>3.000</td></t<></td></t<></td></t<>	1.000 <7	1.000 <t< td=""><td>1.000 <t< td=""><td>3.000</td></t<></td></t<>	1.000 <t< td=""><td>3.000</td></t<>	3.000
JUL	18.000	8.500	8.500	8.000	1.000 <1	3.000
				8.000	9.000	9.000
AUG	17.000	7.000	8.000		7.000	7.000
SEP	12.500	5.000	4.500	5.000		5.000
ОСТ	14.500	4.500	4.500	3.500	5.500	
NOV	32.000	7.000	9.500	9.000	10.500	17.000 6.500
DEC	13.500	4.500	7.000	5.000	7.000	6.500
CONDUCTIV	ITY (UMHO/CM)		DET'N LIP	IIT = 1	GUIDELINE =	400 (F2)
JAN	598	621				
	556	623	640	646	632	638
FEB	760	782	777	780	777	775
MAR	538	584	595	604		626
APR	665	691	687	676	689	674
MAY	638	662	654	653		
JUN	605	624	659	680	648	649
JUL	613	629	621	616		
AUG	494	518	519	529	518	518
SEP	487	508	503	510		
OCT	599	613	622	615	619	609
NOV	677	721	719	727	722	718
DEC	816	861	859	854	871	855
FLUORIDE	(MG/L)		DET'N LIP		GUIDELINE =	2.400 (A1)
JAN	.160	.100				
	.200	.060	.080	.060	.060	.060
FEB	.140	.140	.160	.120	.140	.140

TABLE 5

DRINKING MATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
MAR	.100	. 140	BDL	BOL		BDL
APR	.140	.120	.120	.120	100	
HAY	. 140	.120		.120	.100	.120
JUW	. 120	.140	.160 .120		1/0	1/0
JUL	. 160	. 160	.140	.140 .140	. 140	.140
AUG	. 180	. 180	.180	. 180	. 160	.180
SEP	. 140	.140	.140	. 140	. 180	
OCT	. 160	.140	.140	.120	.120	.120
NOV	. 160	. 140	.120	. 080	.120	.120
DEC	.080	.100	.080	.080	.060	.040 <
ARDNESS	(MG/L)		DET'N LI	MIT = .500	GUIDELINE =	80-100 (A4)
JAN	294.000	284.000				
	280.000	279.000	294.000	295.000	290,000	298.000
FEB	385.000	383.000	374.000	376.000	370.000	387.000
HAR	210.000	221.000	230.000	239.000	370.000	255.000
APR	331.000	329.000	324.000	323.000	319.000	320.000
HAY	329.000	325.000	318,000	317.000	317.000	320.000
JUN	314.000	296.000	322.000	333.000	312.000	321.000
JUL	298.000	291.000	290.000	293.000	3121000	3211000
AUG	232.000	237.000	237,000	241.000	238.000	238.000
SEP	225.000	221.000	223.000	225.000	201000	2301000
OCT	285.100	276.900	277.000	271.300	276.600	276.300
NOV	318.000	318,000	323.000	323.000	319.000	321.000
DEC	413.000	405.000	406.000	403.000	408.000	404.000
WCAL (D	MNSLESS)	*	DET'N LI	HIT = N/A	GUIDELINE =	N/A
JAN	3.362	.900				
	.365	.176	.044	2.263	2.213	.310
FEB	.926	1.711	1,367	1,938	.891	6.516
MAR	1.062	1.644	2.031	1,461	.000 NA	
APR	1.290	.998	1.716	1.036	3.053	1.124
MAY	3.828	1.051	.539	.276		
JUN	5.668	.610	1.945	1,477	.903	3,469
JUL	.016	.702	2.114	3.497		
AUG	. 267	1.250	1.016	1.805	-613	.777
SEP	.867	1.889	1,999	1.516		
OCT	2.061	.406	-679	.094	.581	1.760
MOA	1.346	2.084	1.409	2.016	2.936	1.713
DEC	4.870	4.785	5.045	5.525	5.547	5.361
NGEL 1 ER	S INDEX (DMNSLES	SS)	OET'N LII	MIT = N/A	GUIDELINE =	N/A
JAN	1.030	.677				
	.794	.535	.485	.484	.601	.501
FEB	1.293	1.231	1.191	1.138	1.227	1, 191
					1+667	
MAR	.656	.986	.843	. 939		.915

TABLE 5

WATER TREATMENT PLANT

						-
	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
MAY	1.157	1.307	1.227	1.229		
JUN	1.200	.969	1.042	1.129	1.099	1.097
JUL	.861	.783	.710	.769		
AUG	.859	.908	.853	.929	.893	.949
SEP	.901	. 795	.873	.838		
OCT	1.132	1.134	.864	.840	.975	1.019
NOV	1.105	.919	1.119	.780	.963	1.114
DEC	1.425	1.312	1.394	1.384	1.302	1.394
MAGNESIUM	(MG/L)		DET'N LI	MIT = .050	GUIDELINE =	30 (F2)
JAN	14.500	14.000				
	16.100	14.500	14.900	15.400	15.100	15.000
FEB	20.400	20.400	19.700	20.000	20.000	19.700
MAR	11.200	11.200	11.800	12.200		13.500
APR	17.600	17.200	17.000	16.800	16.700	16.500
HAY	19.100	18.800	18.700	19.000		
JUW	16.100	15.500	17.100	18.100	16.700	16.900
JUL	17,900	17.500	17.200	17.600		
AUG	15.400	15.300	15.400	15.700	15.600	15.400
SEP	16.100	15.800	15.900	16.100		
OCT	18.200	17.900	17.900	17.800	17.950	18.000
NOV	18.800	18.900	19.300	18.800	19.200	19.100
DEC	22.200	21,900	21.900	21.800	22.100	22.500
SODIUM (M	G/L)		DET'N LI	MIT = .200	GUIDELINE *	200 (C3)
JAN	10.400	15.800				
	9.800	17,600	16,000	16.000	15.800	15.800
FEB	11.400	16.600	16.400	16.400	16.200	16.200
MAR	24.800	30.200	28.200	28.200		25.200
APR	10.000	15.000	14.800	14.600	15.000	15.000
MAY	12.000	16.800	17.200	16.800		
JUN	10.600	12.400	14.200	14.400	14.200	14.000
JUL	13.200	17.800	17.200	17.000		
AUG	11.000	14.000	14.800	14.600	14.600	14.600
SEP	13.800	18.200	16.200	17.400		
OCT	18.900	21.900	22.700	22.800	23.100	22.800
NOA	15.600	22.400	22.400	21.000	22.000	22.200
DEC	16.200	28.200	28.600	27.600	28.400	28.200
MULHOWHY	TOTAL (MG/L)	DET'N LI	MIT = 0.002	GUIDELINE =	.05 (F2)
JAN	T> 800.	.006 <t< th=""><th></th><th></th><th></th><th></th></t<>				
	.030	.008 <t< th=""><th>.008 <t< th=""><th>.010</th><th>.028</th><th>.012</th></t<></th></t<>	.008 <t< th=""><th>.010</th><th>.028</th><th>.012</th></t<>	.010	.028	.012
FEB	.024	.004 <t< th=""><th>.010</th><th>.002 <t< th=""><th>.014</th><th>.006 <7</th></t<></th></t<>	.010	.002 <t< th=""><th>.014</th><th>.006 <7</th></t<>	.014	.006 <7
MAR	.236	.234	.210	. 194		. 156
APR	.004 <t< th=""><th>.012</th><th>.008 <t< th=""><th>T> 800.</th><th>BDL</th><th>.010</th></t<></th></t<>	.012	.008 <t< th=""><th>T> 800.</th><th>BDL</th><th>.010</th></t<>	T> 800.	BDL	.010
MAY	.042	.002 <t< th=""><th>.008 <7</th><th>.004 <t< th=""><th></th><th></th></t<></th></t<>	.008 <7	.004 <t< th=""><th></th><th></th></t<>		
JUN	BOL	BDL	BOL	BOL	BDL	BOL

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

	RAW	TREATED	SITE 1			SITE 2		
			STANDING	FREE FLOW		STANDING		FREE FLOW
JUL	.056	T> 600.	.006			-		
AUG	.058	.002 <1	.004			.004	<1	.004 <7
SEP	.012	BDL .002 <t< td=""><td>.006</td><td></td><td>? <ī</td><td>.006</td><td></td><td>BOL</td></t<>	.006		? <ī	.006		BOL
NOV	.010	.002 <1	.008			.008		.014
DEC	.010	.008 <1	.020	SDI BDI		.008	-1	.010
		avt	.020					.010
NITRITE (MG/L)		DET'N	LIMIT = 0.001		GUIDELINE	= 1.0	00 (A1)
JAN	.101	.002 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
	.184	.004	.003	<7 .002	? <ī	.003	<t< td=""><td>.002 <t< td=""></t<></td></t<>	.002 <t< td=""></t<>
FEB	.026	BDL	.001	<t bol<="" td=""><td></td><td>.002</td><td><7</td><td>.001 <t< td=""></t<></td></t>		.002	<7	.001 <t< td=""></t<>
HAR	.028	.018	.032	.016				.015
APR	.038	.001 <t< td=""><td>.002 -</td><td></td><td><7</td><td>.003</td><td><7</td><td>.002 <t< td=""></t<></td></t<>	.002 -		<7	.003	<7	.002 <t< td=""></t<>
MAY	.048	.004 <t< td=""><td>.002 ·</td><td></td><td></td><td></td><td></td><td></td></t<>	.002 ·					
JUN	. 109	.004 <t< td=""><td>.006</td><td></td><td><t< td=""><td>.023</td><td></td><td>.013</td></t<></td></t<>	.006		<t< td=""><td>.023</td><td></td><td>.013</td></t<>	.023		.013
JUL	.042	BDL	.002					
AUG SEP	.070	.004 <t< td=""><td>.005</td><td>.006</td><td></td><td>.004</td><td></td><td>.008</td></t<>	.005	.006		.004		.008
OCT	.035	.001 <t< td=""><td>.001</td><td></td><td><7</td><td>.003</td><td></td><td>.002 <t< td=""></t<></td></t<>	.001		<7	.003		.002 <t< td=""></t<>
NOV	.035	.002 <1	.002			.003		.002 <1
DEC	.028	BDL	.002			.003		.002 <7
TOTAL NIT	RATES (MG/L)	DET'N	LIMIT = .020		GUIDELINE	= 10.	000 (A1)
JAN	9.480	9.550						
	7.150	6.950	7.500	8.100		7.430		7.450
FEB	9.750	10.100	10.400	10.000		10.400		10.200
HAR	3.290	3.330	3.670	3.930				4.570
APR	10.800	10.700	10.900	11.200		11.400		11.100
MAY	4.460	4.430	4.340	4.370				
JUN	10.500	10.300	11.300	11.900		11.300		10.600
JUL AUG	2.920	4.070 2.760	2.020	1.990		2 0/0		2.910
SEP	.225	.145	.170	2.560		2.860		2.910
OCT	.500	.575	.465	.450		.470		.450
NOV	7,000	7.080	6.100	7,800		6,400		6.550
DEC	5.210	5,190	5.190	5.200		5.190		5.190
MITROGEN	TOT KJELD (MG/L)	DET'N L	.IMIT = .020		GNIDELINE	= N/A	
HAL	.850	.510						
	1,700	.480	.510	.510		.550		.490
FEB	.660	.530	.560	.540		.580		.540
HAR	1.250	1.030	.580	.950				.880
APR	.800	.550	.550	.560		.610		.570
HAY	.800	.500	.570	.520				
JUN	1.030	.620	.660	.660		.660		.600
JUL	.990 1.000	.640	.600	.590				
AUG	1.000	.620	.640	.600	,	.610		.600

TABLE 5

MATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
SEP	.580	.340	.330	.510		
OCT	.610	.350	.400	.350	.390	.360
NOV	.820	.570	.560	.600	.600	.610
DEC	.600	.470	.570	.510	.540	.540
PH (DMNSLE	ess)		DET'N LI	IMIT = N/A	GUIDELINE =	6.5-8.5(A4)
JAN	8.290	8.070	:	:	:	:
	8.090	7.910	7.800	7.790	7.930	7.810
FEB	8.300	8.250	8.230	8.170	8.270	8.210
MAR	8.160	8.430	8.260	8.330		8.260 8.390
APR	8.470	8.410	8.470	8.420	8.470	8.390
HAY	8.330	8.470	8.410	8.420	8,340	8.320
JUN	8.420	8.250	8.260	8.320	8.340	0.320
JUL	8.080	8.030	7.960	8.020	8.320	8.370
AUG	8.300	8.330	8.280	8.340 8.290	8.320	6.370
SEP	8.330	8.250	8.330		8.260	8.310
OCT	8.370	8.420	8.150	8.140	8.170	8.320
NOV	8.310	8.160	8.320	8.010 8.380	8.280	8.390
DEC	8.390	8.290	8.380	0.300	0.200	
PHOSPHORUS	FIL REACT (MG/	L)	DET'N L	MIT = .0005	GUIDELINE =	N/A
JAN	.068	.001 <7				•
	.263	.002	•	•	•	•
FEB	.026	.004	•	•	•	•
MAR	.017	.011		•		•
APR	.012	.000 <7	•	•		•
MAY	.001 <t< td=""><td>BOL</td><td>•</td><td>•</td><td>•</td><td>•</td></t<>	BOL	•	•	•	•
JUW	.034	.000 <t< td=""><td>•</td><td></td><td>•</td><td>•</td></t<>	•		•	•
JUL	.004	.002 <7	•	•		
AUG	.002	.002 <7		•		•
SEP	.083	.001 <7				
OCT	.005	.002 <7				
NOV	.016	.002 <t< td=""><td></td><td>•</td><td>•</td><td></td></t<>		•	•	
DEC	.022	.003	•	•		·
PHOSPHORUS	TOTAL (MG/L)	DET'N L	IMIT = .002	GUIDELINE =	.40 (F2)
JAN	.115	.008 <7				
	.453	.004 <7		•		
FEB	.044	.010				
MAR	.080	.029				
APR	.087	.007 <7				
MAY	.061	.011				
JUN	.133	.013				
JUL	.069	.018				
AUG	.062	.018				
SEP	.072	.012				
OCT	.038	.002 <t< td=""><td></td><td></td><td></td><td></td></t<>				

TABLE 5

MATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
NOV	.072	.007 <7				
DEC	.036	T> 800.	•	•	•	
SULPHATE	(MG/L)		DET'N LI	MIT = .200	GUIDELINE :	500, (A3)
JAN	54.770	98.460				
	60.220	107.500	102.400	102.700	107.840	105.960
FEB	84.380	82.710	77.670	77.990	79.810	73.830
MAR	49.350	55.700	61.500	64.210		72.310
APR	66.870	89.580	89.030	88.480	89.090	87.880
MAY	79.500	85.490	86.190	85.770		
JUN	58.640	73.850	76.630	79.350	75.390	76.220
JUL	63.180	70.220	70.520	70.330		
AUG	49.660	55.200	55.920	56.990	56.330	56.440
SEP	47.790	59.150	59.040	59.720		
OCT	61.210	74.800	75.620	76.030	76.060	74.840
MOA	72.900	97.770	90.060	96.850	90.470	89.170
DEC	86.970	100.330	102.300	101,080	100.320	104.800
TURBIDITY	(FTU)	•	DET'N LI	MIT = .02	GUIDELINE :	: 1.00 (A1)
JAN	30.000	1.700				
	200.000 >	.950	.530	.760	.880	.840
FEB	13.900	2.000 RRV	.590	.380	.610	.530
MAR	36.000	.830	.480	.500		.500
APR	64.000	.470	.870	.570	.820	.590
HAY	39.000	.850	.680	.800		
JUN	74.000	.630	.790	.480	1.270 F	RV .640
JUL	29.000	.980	1.050 RF	.840		
AUG	21.000	.680	.610	.710	.840	.400
SEP	43.000	.750	.470	.660		
OCT	9.100	.810	.380	.260	.530	.480
WOV	57.000	.470	.870	.450	.720	.800
DEC	13.700	.770	.620	3.300 RRV	.770	5.300 RI

TABLE 5

	RAW	T	REATED	SITE 1		SITE 2		
				STANDING	FREE FLOW	STANDING	FREE FLOW	
	ME	TALS						
SILVER	(UG/L)				DET'N LIMIT =	.020 GUIDELINE	= 50. (A1)	
JAN	.030	<1	.030 <					
	BDL		BDL	BDL	BDL	BDL	BDL	
FEB	BDL		BDL	BDL	BDL	BDL	.230	
MAR	.070	<t< td=""><td>BDL</td><td>.040 <</td><td></td><td></td><td>BDL</td><td></td></t<>	BDL	.040 <			BDL	
APR	.110	<t< td=""><td>.130 <</td><td></td><td></td><td><7 .070</td><td><t .060<="" td=""><td><1</td></t></td></t<>	.130 <			<7 .070	<t .060<="" td=""><td><1</td></t>	<1
MAY	BDL		BOL	BDL	BDL			
JUN	BDL		BDL	.050 <		BDL	BDL	
JUL	BDL		BDL	BOL	BDL			
AUG	BDL		BOL	BOL	BDL	.040		
SEP	BDL		BDL	BDL	BDL			
OCT	BDL		BDL	BDL	BOL	BDL		
NOA	BDL		BDL	BOL	BDL	BDL		
DEC	BDL.		BDL	BOL	BDL	BDL	BDL	
ALUMINU	JM (UG/L)				DET'N LIMIT =	.050 GUIDELINE	= 100.(A4)	
JAN	359.600	-	313.200					
WAR.	1740,000		27.840	39,440	22.040	16.240	16.240	
FEB	208,800		51.040	64.960	44.080	38,280	39.440	
MAR	684,400		174.000	150.800	150.800		208.800	
APR	336.400		62.640	59,160	51.040	22.040	27.840	
HAY	301.600		185.600	185.600	162.400			
JUN	460,000		98.000	79.000	83.000	64.000	70.000)
JUL	220.000		200.000	230.000	170.000			
AUG	180,000		140.000	110.000	140.000	94.000	100.000)
SEP	310.000		190.000	97.000	120.000			
OCT	250.000		71.000	57.000	47.000	44.000	52.000)
NOV	410.000		100.000	130.000	38.000	62.000	190.000)
DEC	150.000		150.000	250.000	110.000	76.000	54.000)
ARSENIC	(UG/L)				DET'N LIMIT =	0.050 GUIDELINE	= 50.0 (A1)	
			.370 <	•				
MAL	.920	*1	.360 <		T .530	<t .470<="" td=""><td></td><td>] <t< td=""></t<></td></t>] <t< td=""></t<>
	1.100	-7	.970 <					
FEB MAR	1,200	<1	1.000 <		1.100		4 400	
	1.200		.490 <					
APR	1,600		1.300	1.500	1,100		•	
YAM	2.000		1.300	1.300	1.200	1.200		
JUL	1.700		1.100	2.400	2.500	1.200		
	2.500		1.900	1.700	1.800	1.300	1.30	0
AUG SEP	2.400		1.500	1.400	1.400	7.300		
OCT	1,200		.460 <			<t .480<="" td=""><td>0 <t .530<="" td=""><td>0 <7</td></t></td></t>	0 <t .530<="" td=""><td>0 <7</td></t>	0 <7
NOV	.840	-1	.720 <					0 <t< td=""></t<>
DEC	.540		.550 <					0 <t< td=""></t<>
								• • • • • •
BARIUM	(UG/L)				DET'N LIMIT =	0.020 GUIDELIN	E = 1000. (A1)	
JAN	39.000		29.000				•	

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT DISTRIBUTION SYSTEM

TABLE 5

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
MAL	64.000	30.000	32.000	27.000	28.000	27.000
FEB	45.000	31.000	31.000	29.000	27.000	29.000
MAR	34.000	23,000	23,000	23.000		23.000
APR	43.000	29.000				31.000
HAY	48.000	40.000				
JUN	49.000	42.000				44.000
JUL	51,000	45.000				
AUG	51,000	49,000				45.000
SEP	48.000	42.000				
OCT	51.000	40.000				42.000
NOV	56,000	47.000				45.000
DEC	51.000	29.000				32.000
BOROW (UG,	/L)			DET'N LIMIT	= 0.200 GUIDELINE	= 5000. (A1)
JAN	27.000	27.000				
	31.000	73.000				59.000
FEB	120.000	110.000	37.000			42.000
MAR	92.000	65.000	92.000	86.000		95.000
APR	40.0D0	280.000	370.000	350.000	160.000	110.000
HAY	290.000	280.000	320.000	140.000		
JUN	59.000	46,000	63.000	75.000	110.000	74.000
JUL	85.000	54.000	100.000	100.000		
AUG	100.000	100.000	100.000	100.000	58.000	57.000
SEP	93.000	96.000	97.000	98.000		
OCT	64.000	49.000	70.000	55.000	56.000	62.000
NOV	49.000	49.000	49.000	50.000	50.000	48.000
DEC	33.000	31.000	33.000	31.000	33.000	32.000
ERYLLIUM	(UG/L)		DET'N LIMIT	= 0.010 GUIDELINE	= N/A .
JAN	.030	T BDL				
	.110 -	cT .190	<t .100<="" td=""><td><t bdl<="" td=""><td>BDL</td><td>010</td></t></td></t>	<t bdl<="" td=""><td>BDL</td><td>010</td></t>	BDL	010
			. 100	KI BUL	BUL	.040 <
FEB	.090				.080	
MAR	.090	cT .040	<t .070<="" td=""><td><t bdl<="" td=""><td>.080</td><td></td></t></td></t>	<t bdl<="" td=""><td>.080</td><td></td></t>	.080	
		T .040	<t .070<br=""><t .150<="" td=""><td><t .200<="" <t="" bdl="" td=""><td>.080</td><td><t .110="" <<="" td=""></t></td></t></td></t></t>	<t .200<="" <t="" bdl="" td=""><td>.080</td><td><t .110="" <<="" td=""></t></td></t>	.080	<t .110="" <<="" td=""></t>
MAR	.180	T .040 T .110 T .330	<t .070<br=""><t .150<br=""><t .540<="" td=""><td><t .200="" .580<="" bdl="" td=""><td>.080 <t .<="" td=""><td><t .110="" <<="" td=""></t></td></t></td></t></td></t></t></t>	<t .200="" .580<="" bdl="" td=""><td>.080 <t .<="" td=""><td><t .110="" <<="" td=""></t></td></t></td></t>	.080 <t .<="" td=""><td><t .110="" <<="" td=""></t></td></t>	<t .110="" <<="" td=""></t>
MAR APR	.180	CT .040 CT .110 CT .330 CT .460	<t .070<br=""><t .150<br=""><t .540<="" td=""><td><t bdl<br=""><t .200<br="">.580 <t .090<="" td=""><td>.080 <t .<br="">.160</t></td><td><t .110="" .210="" .240="" .<="" <="" t="" td=""></t></td></t></t></t></td></t></t></t>	<t bdl<br=""><t .200<br="">.580 <t .090<="" td=""><td>.080 <t .<br="">.160</t></td><td><t .110="" .210="" .240="" .<="" <="" t="" td=""></t></td></t></t></t>	.080 <t .<br="">.160</t>	<t .110="" .210="" .240="" .<="" <="" t="" td=""></t>
MAR APR MAY	.180 · .090 · .350 ·	CT .040 CT .110 CT .330 CT .460 CT BDL	<t .070<br=""><t .150<br=""><t .540<br=""><t .440<="" td=""><td><t .050<="" .090="" .580="" 200="" <t="" bdl="" td=""><td>.080 <t .<br="">.160 <t .<br=""><t .200<="" td=""><td><t .110="" .210="" .240="" .<="" <="" t="" td=""></t></td></t></t></t></td></t></td></t></t></t></t>	<t .050<="" .090="" .580="" 200="" <t="" bdl="" td=""><td>.080 <t .<br="">.160 <t .<br=""><t .200<="" td=""><td><t .110="" .210="" .240="" .<="" <="" t="" td=""></t></td></t></t></t></td></t>	.080 <t .<br="">.160 <t .<br=""><t .200<="" td=""><td><t .110="" .210="" .240="" .<="" <="" t="" td=""></t></td></t></t></t>	<t .110="" .210="" .240="" .<="" <="" t="" td=""></t>
MAR APR MAY JUN	.180 - .090 - .350 -	CT .040 CT .110 CT .330 CT .460 CT BDL CT .040	<t .030="" .070="" .150="" .170<="" .440="" .540="" <t="" td=""><td><t .050="" .090="" .200="" .250<="" .580="" <t="" bdl="" td=""><td>.080 <t .<br="">.160 <t .<br=""><t .200<br=""><t .<="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t></t></t></t></td></t></td></t>	<t .050="" .090="" .200="" .250<="" .580="" <t="" bdl="" td=""><td>.080 <t .<br="">.160 <t .<br=""><t .200<br=""><t .<="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t></t></t></t></td></t>	.080 <t .<br="">.160 <t .<br=""><t .200<br=""><t .<="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t></t></t></t>	<t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t>
MAR APR MAY JUN JUL	.180 < .090 < .350 < .130 < .270 <	CT .040 CT .110 CT .330 CT .460 CT .BDL CT .040 CT .040	<t .030="" .070="" .150="" .170="" .180<="" .440="" .540="" <t="" td=""><td><t .050="" .090="" .170<="" .200="" .250="" .580="" <t="" bdl="" td=""><td>.080 <t160 .="" .040<="" .200="" <t="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t160></td></t></td></t>	<t .050="" .090="" .170<="" .200="" .250="" .580="" <t="" bdl="" td=""><td>.080 <t160 .="" .040<="" .200="" <t="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t160></td></t>	.080 <t160 .="" .040<="" .200="" <t="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t160>	<t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t>
MAR APR MAY JUN JUL AUG	.180 < .090 < .350 < .130 < .270 < .260 <	CT .040 CT .110 CT .330 CT .460 CT .040 CT .040 CT .040 CT .210	<t .030="" .070="" .150="" .170="" .180<="" .440="" .540="" <t="" td=""><td><t .050="" .090="" .100<="" .170="" .200="" .250="" .580="" <t="" bdl="" td=""><td><t .040="" .040<="" .080="" .160="" .200="" .47="" <t="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t></td></t></td></t>	<t .050="" .090="" .100<="" .170="" .200="" .250="" .580="" <t="" bdl="" td=""><td><t .040="" .040<="" .080="" .160="" .200="" .47="" <t="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t></td></t>	<t .040="" .040<="" .080="" .160="" .200="" .47="" <t="" td=""><td><t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t></td></t>	<t .110="" .140="" .210="" .240="" <="" <<="" t="" td=""></t>
MAR APR MAY JUN JUL AUG SEP	.180 c .090 c .350 c .130 c .270 c .260 c .220 c	CT .040 CT .110 CT .330 CT .460 CT .80L CT .040 CT .040 CT .040 CT .210 CT .80L	<t .030="" .050<="" .070="" .150="" .170="" .180="" .440="" .540="" <t="" td=""><td><t .020<="" .050="" .090="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" td=""><td><t .080="" .160="" .200="" .47="" .47<="" <t="" td=""><td><t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t></td></t></td></t></td></t>	<t .020<="" .050="" .090="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" td=""><td><t .080="" .160="" .200="" .47="" .47<="" <t="" td=""><td><t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t></td></t></td></t>	<t .080="" .160="" .200="" .47="" .47<="" <t="" td=""><td><t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t></td></t>	<t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t>
MAR APR MAY JUN JUL AUG SEP OCT	.180 c .090 c .350 c .130 c .270 c .260 c	CT .040 CT .110 CT .330 CT .460 CT .80L CT .040 CT .040 CT .040 CT .210 CT .80L	<t .030="" .070="" .150="" .170="" .180="" .180<="" .440="" .540="" <t="" td=""><td><t .020="" .050="" .090="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" bdl<="" td=""><td><t .040="" .040<="" .080="" .160="" .200="" .47="" <t="" td=""><td><t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t></td></t></td></t></td></t>	<t .020="" .050="" .090="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" bdl<="" td=""><td><t .040="" .040<="" .080="" .160="" .200="" .47="" <t="" td=""><td><t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t></td></t></td></t>	<t .040="" .040<="" .080="" .160="" .200="" .47="" <t="" td=""><td><t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t></td></t>	<t .040="" .110="" .140="" .210="" .240="" <="" t="" t<="" td=""></t>
MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	.180 c .090 c .350 c .130 c .270 c .260 c .220 c .070 c .020 c .000 .000 .000 .000 .000 .000	CT .040 CT .110 CT .330 CT .460 CT .80L CT .040 CT .040 CT .210 CT .210 CT .80L CT .80L CT .80L CT .80L	<t .030="" .050="" .070="" .150="" .170="" .180="" .440="" .540="" <t="" bdl<="" td=""><td><t .020="" .050="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" bol<="" td=""><td>.0800 .0800</td><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t></td></t>	<t .020="" .050="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" bol<="" td=""><td>.0800 .0800</td><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t>	.0800 .0800	<t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t>
MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	.180 c .090 c .350 c .130 c .270 c .260 c .220 c .070 c .020 c .000 .000 .000 .000 .000 .000	ct .040 ct .110 ct .330 ct .350 ct .460 ct .600 ct .040 ct .040 ct .040 ct .040 ct .040 ct .040 ct .210 ct .21	<t .030="" .050="" .070="" .150="" .170="" .180="" .440="" .540="" <t="" bdl<="" td=""><td><t .020="" .050="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" bol<="" td=""><td><t .080="" <t160="" <t200="" <t<="" td=""><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t></td></t></td></t>	<t .020="" .050="" .100="" .170="" .200="" .250="" .580="" <t="" bdl="" bol<="" td=""><td><t .080="" <t160="" <t200="" <t<="" td=""><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t></td></t>	<t .080="" <t160="" <t200="" <t<="" td=""><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t>	<t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t>
MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	.180	cr .040 cr .110 cr .330 cr .340 cr .340 cr .460 cr .600 cr .040 cr .210 cr .800 cr .800 cr .800	<t .030="" .050="" .070="" .150="" .170="" .180="" .440="" .540="" <t="" bdl<="" td=""><td><t .050="" .090="" .100="" .170="" .200="" .250="" .580="" <="" <t="" bdl="" det'n="" lihit="" td=""><td><t .080="" <t160="" <t200="" <t<="" td=""><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t></td></t></td></t>	<t .050="" .090="" .100="" .170="" .200="" .250="" .580="" <="" <t="" bdl="" det'n="" lihit="" td=""><td><t .080="" <t160="" <t200="" <t<="" td=""><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t></td></t>	<t .080="" <t160="" <t200="" <t<="" td=""><td><t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t></td></t>	<t .110="" .210="" .240="" .400="" <="" <<="" t="" td=""></t>

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
MAR	BOL	BOL	.070 <ī	BDL		BDL
APR	BOL	-110 <t< td=""><td>.320 <t< td=""><td>BOL</td><td>BDL</td><td>BDL</td></t<></td></t<>	.320 <t< td=""><td>BOL</td><td>BDL</td><td>BDL</td></t<>	BOL	BDL	BDL
MAY	.110 <t< td=""><td>.070 <t< td=""><td>BOL</td><td>BOL</td><td></td><td></td></t<></td></t<>	.070 <t< td=""><td>BOL</td><td>BOL</td><td></td><td></td></t<>	BOL	BOL		
JUN	.120 <t< td=""><td>BOL</td><td>.080 <t< td=""><td>.080 <t< td=""><td>.080 <</td><td>T .120 <t< td=""></t<></td></t<></td></t<></td></t<>	BOL	.080 <t< td=""><td>.080 <t< td=""><td>.080 <</td><td>T .120 <t< td=""></t<></td></t<></td></t<>	.080 <t< td=""><td>.080 <</td><td>T .120 <t< td=""></t<></td></t<>	.080 <	T .120 <t< td=""></t<>
JUL	,180 <t< td=""><td>.070 <t< td=""><td>.170 <7</td><td>BDL</td><td></td><td></td></t<></td></t<>	.070 <t< td=""><td>.170 <7</td><td>BDL</td><td></td><td></td></t<>	.170 <7	BDL		
AUG	.070 <t< td=""><td>BDL</td><td>BDL</td><td>BDL</td><td>BDL</td><td>BOL</td></t<>	BDL	BDL	BDL	BDL	BOL
SEP	.150 <t< td=""><td>BDL</td><td>BDL</td><td>BDL</td><td></td><td></td></t<>	BDL	BDL	BDL		
OCT	BDL	.100 <t< td=""><td>.070 <t< td=""><td>BOL</td><td>BOL</td><td>BOL</td></t<></td></t<>	.070 <t< td=""><td>BOL</td><td>BOL</td><td>BOL</td></t<>	BOL	BOL	BOL
NOV	BOL	BDL	BDL	BOL	BDL	BOL
DEC	.070 <t< td=""><td>.060 <t< td=""><td>.090 <t< td=""><td>BDL</td><td>.080 <</td><td>T .070 <t< td=""></t<></td></t<></td></t<></td></t<>	.060 <t< td=""><td>.090 <t< td=""><td>BDL</td><td>.080 <</td><td>T .070 <t< td=""></t<></td></t<></td></t<>	.090 <t< td=""><td>BDL</td><td>.080 <</td><td>T .070 <t< td=""></t<></td></t<>	BDL	.080 <	T .070 <t< td=""></t<>
COBALT (UG	i/L)			DET'N LIMIT = 0	.02D GUIDELINE =	H/A
JAN	.320 <t< td=""><td>.070 <t< td=""><td></td><td></td><td></td><td></td></t<></td></t<>	.070 <t< td=""><td></td><td></td><td></td><td></td></t<>				
•	1,700	.290 <t< td=""><td>.270 <t< td=""><td>.290 <t< td=""><td>.330 <</td><td>T .280 <t< td=""></t<></td></t<></td></t<></td></t<>	.270 <t< td=""><td>.290 <t< td=""><td>.330 <</td><td>T .280 <t< td=""></t<></td></t<></td></t<>	.290 <t< td=""><td>.330 <</td><td>T .280 <t< td=""></t<></td></t<>	.330 <	T .280 <t< td=""></t<>
FEB	.140 <t< td=""><td>BDL</td><td>BDL</td><td>BOL</td><td>BOL</td><td>.290 <t< td=""></t<></td></t<>	BDL	BDL	BOL	BOL	.290 <t< td=""></t<>
MAR	.450 <t< td=""><td>.190 <t< td=""><td>.260 <t< td=""><td>.310 <t< td=""><td></td><td>.190 <t< td=""></t<></td></t<></td></t<></td></t<></td></t<>	.190 <t< td=""><td>.260 <t< td=""><td>.310 <t< td=""><td></td><td>.190 <t< td=""></t<></td></t<></td></t<></td></t<>	.260 <t< td=""><td>.310 <t< td=""><td></td><td>.190 <t< td=""></t<></td></t<></td></t<>	.310 <t< td=""><td></td><td>.190 <t< td=""></t<></td></t<>		.190 <t< td=""></t<>
APR	.370 <t< td=""><td>.030 <t< td=""><td>BOL</td><td>BDL</td><td>BOL</td><td>BDL</td></t<></td></t<>	.030 <t< td=""><td>BOL</td><td>BDL</td><td>BOL</td><td>BDL</td></t<>	BOL	BDL	BOL	BDL
MAY	.580 <t< td=""><td>.300 <t< td=""><td>.220 <t< td=""><td>.230 <7</td><td></td><td></td></t<></td></t<></td></t<>	.300 <t< td=""><td>.220 <t< td=""><td>.230 <7</td><td></td><td></td></t<></td></t<>	.220 <t< td=""><td>.230 <7</td><td></td><td></td></t<>	.230 <7		
JUN	.560 <t< td=""><td>BDL</td><td>.060 <t< td=""><td></td><td>.030 -</td><td>t .070 <t< td=""></t<></td></t<></td></t<>	BDL	.060 <t< td=""><td></td><td>.030 -</td><td>t .070 <t< td=""></t<></td></t<>		.030 -	t .070 <t< td=""></t<>
JUL	.500 <t< td=""><td>. 190 <t< td=""><td>.190 <t< td=""><td></td><td></td><td></td></t<></td></t<></td></t<>	. 190 <t< td=""><td>.190 <t< td=""><td></td><td></td><td></td></t<></td></t<>	.190 <t< td=""><td></td><td></td><td></td></t<>			
AUG	.340 <t< td=""><td>.130 <t< td=""><td>.090 <t< td=""><td>.070 <t< td=""><td>.170 -</td><td>r .100 <t< td=""></t<></td></t<></td></t<></td></t<></td></t<>	.130 <t< td=""><td>.090 <t< td=""><td>.070 <t< td=""><td>.170 -</td><td>r .100 <t< td=""></t<></td></t<></td></t<></td></t<>	.090 <t< td=""><td>.070 <t< td=""><td>.170 -</td><td>r .100 <t< td=""></t<></td></t<></td></t<>	.070 <t< td=""><td>.170 -</td><td>r .100 <t< td=""></t<></td></t<>	.170 -	r .100 <t< td=""></t<>
SEP	.560 <t< td=""><td>.110 <t< td=""><td>.140 <t< td=""><td>.150 <t< td=""><td></td><td></td></t<></td></t<></td></t<></td></t<>	.110 <t< td=""><td>.140 <t< td=""><td>.150 <t< td=""><td></td><td></td></t<></td></t<></td></t<>	.140 <t< td=""><td>.150 <t< td=""><td></td><td></td></t<></td></t<>	.150 <t< td=""><td></td><td></td></t<>		
OCT	.470 <t< td=""><td>.250 <t< td=""><td>.190 <1</td><td>.180 <t< td=""><td>.200 -</td><td>T .200 <t< td=""></t<></td></t<></td></t<></td></t<>	.250 <t< td=""><td>.190 <1</td><td>.180 <t< td=""><td>.200 -</td><td>T .200 <t< td=""></t<></td></t<></td></t<>	.190 <1	.180 <t< td=""><td>.200 -</td><td>T .200 <t< td=""></t<></td></t<>	.200 -	T .200 <t< td=""></t<>
NOV	.460 <t< td=""><td>.060 <t< td=""><td>.090 <1</td><td></td><td>.080</td><td>T> 060. T></td></t<></td></t<>	.060 <t< td=""><td>.090 <1</td><td></td><td>.080</td><td>T> 060. T></td></t<>	.090 <1		.080	T> 060. T>
DEC	.240 <t< td=""><td>.080 <t< td=""><td>.060 <1</td><td></td><td>.160</td><td>T> 030 <t< td=""></t<></td></t<></td></t<>	.080 <t< td=""><td>.060 <1</td><td></td><td>.160</td><td>T> 030 <t< td=""></t<></td></t<>	.060 <1		.160	T> 030 <t< td=""></t<>
CHROMIUM (UG/L)		•••••••••••••••••••••••••••••••••••••••	DET'N LIMIT = 0	.100 GUIDELINE	= 50. (A1)
JAN	.890 <t< td=""><td>.640 <t< td=""><td></td><td></td><td></td><td></td></t<></td></t<>	.640 <t< td=""><td></td><td></td><td></td><td></td></t<>				
	2,100	9.200	8,100	2,600	3.300	6.100
FEB	11.000	9.000	1.300	2.000	3.000	2.500
MAR	9.700	4.500	9.000	9,000		9.900
APR	1,200	12,000	15.000	14.000	5.600	3.400
MAY	13.000	12.000	13,000	4.800		
JUN	4.900	.470 <1	4,400	7.600	6.500	6.700
JUL	9.200	.580 <t< td=""><td>8.000</td><td>8,200</td><td></td><td></td></t<>	8.000	8,200		
AUG	9.000	8.700	8.400	8.400	.400	<t .330="" <t<="" td=""></t>
SEP	7.300	7.200	7.200	7.000		
OCT	6.500	.310 <t< td=""><td>6,200</td><td>2.000</td><td>.690</td><td><t 4.700<="" td=""></t></td></t<>	6,200	2.000	.690	<t 4.700<="" td=""></t>
NOV	BDL	BOL	BOL	BDL	BOL	BOL
DEC	BDL	BDL	BOL	BDL	BDL	BOL
COPPER (UC	G/L)			DET'N LIMIT = .	100 GUIDELINE	= 1000 (A3)
JAN	2.700	2,300				
	5.200	1.900	34.000	3,400	80.000	6.500
FEB	2.500	2,200	27.000	3.800	32.000	4.600
MAR	3,600	2,900	28.000	3,700		4.000

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

	RAW	TREATED		SITE 1		SITE 2	
				STANDING	FREE FLOW	STANDING	FREE FLOW
h							
HAY	2,900	2.700		16.000	2.800		
JUN	11,000	2.400)	45.000	5.100	34.000	17.000
JUL	4.500	2.400)	27.000	4.500		
AUG	4.700	2.000)	21.000	3.500	31.000	7.200
SEP	4.200	1.400)	23.000	3.400		
OCT	7.900	1.300)	22.000	2.500	42.000	17.000
NOV	3.700	4.000)	26.000	3.400	57.000	29.000
DEC	3.700	<t 3.500<="" td=""><td>T > 1</td><td>27.000</td><td>2.800 <7</td><td>380.000</td><td>320.000</td></t>	T > 1	27.000	2.800 <7	380.000	320.000
RON (UG/	L)				DET'N LIMIT = 4.0	000 GUIDELINE	= 300. (A3)
JAN	400.000	31.000	T> (
	1300.000	BDI		BDL	BDL	52.000	79.000
FEB	190.000	6.900		9.100 <1	11.000 <t< td=""><td>50.000</td><td><t 42.000="" <t<="" td=""></t></td></t<>	50.000	<t 42.000="" <t<="" td=""></t>
HAR	510.000	15.000) <t< td=""><td>BDL</td><td>9.900 <t< td=""><td></td><td>84.000</td></t<></td></t<>	BDL	9.900 <t< td=""><td></td><td>84.000</td></t<>		84.000
APR	480.000	BDI		BOL	BDL	50.000	<t 36.000="" <t<="" td=""></t>
HAY	390.000	BDI		BDL	BDL		
JUN	520,000	5.100		BDL	BOL	35.000	<t 33.000="" <t<="" td=""></t>
JUL	300,000	BDI		12.000 <1	BDL		
AUG	260,000	BDI		BDL	BOL	19,000	<t 23.000="" <t<="" td=""></t>
SEP	560.000	BOL		BDL	BDL		
OCT	450.000	13.000		BDL	5,400 <t< td=""><td>88.000</td><td>35.000 <1</td></t<>	88.000	35.000 <1
NOV	430.000	BOL		5.200 <1		58.000	110.000
	450.000	000					
DEC	190.000	BOL		12.000 <1	7.000 <7	36.000	<t 47.000="" <t<="" td=""></t>
		BOL		12.000 <1	7.000 <t< td=""><td></td><td></td></t<>		
MERCURY (UG/L)			12.000 <1	DET'N LIMIT = 0.0		= 1.000 (A1)
	UG/L)	.030	·	12.000 <1	DET'N LIMIT = 0.4		= 1.000 (A1)
JAN	UG/L) BDL .040	.030) <t< td=""><td>12.000 <1</td><td>DET'N LIMIT = 0.0</td><td></td><td>= 1.000 (A1)</td></t<>	12.000 <1	DET'N LIMIT = 0.0		= 1.000 (A1)
JAN FEB	BDL .040	.030 <t .020<br=""><t bdl<="" td=""><td>। <ा । <ा</td><td>12.000 <1</td><td>DET'N LIMIT = 0.4 .020 < T BOL</td><td></td><td>= 1.000 (A1) .020 <1 BDL</td></t></t>	। <ा । <ा	12.000 <1	DET'N LIMIT = 0.4 .020 < T BOL		= 1.000 (A1) .020 <1 BDL
JAN FEB MAR	BDL .040 .020 .050	.030 <t .020<br=""><t bdl<br=""><t .050<="" td=""><td>। <ा । <ा</td><td>12.000 <1</td><td>DET'N LIMIT = 0.0</td><td></td><td>= 1.000 (A1) .020 <1 .BDL .020 <1</td></t></t></t>	। <ा । <ा	12.000 <1	DET'N LIMIT = 0.0		= 1.000 (A1) .020 <1 .BDL .020 <1
JAN FEB MAR APR	BDL .040 .020 .050 .290	.030 <t .020<br=""><t .050<br=""><t .050<="" td=""><td> <t <t <t< td=""><td>12.000 <1</td><td>DET'N LIMIT = 0.0 .020 <t BDL .020 <t< td=""><td></td><td>= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1</td></t<></t </td></t<></t </t </td></t></t></t>	<t <t <t< td=""><td>12.000 <1</td><td>DET'N LIMIT = 0.0 .020 <t BDL .020 <t< td=""><td></td><td>= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1</td></t<></t </td></t<></t </t 	12.000 <1	DET'N LIMIT = 0.0 .020 <t BDL .020 <t< td=""><td></td><td>= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1</td></t<></t 		= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1
JAN FEB MAR APR MAY	BDL .040 .020 .050 .290 .120	.03(<t .020<br=""><t bdl<br=""><t .05(<br="">.300</t></t></t>) <t) <t) <t< td=""><td>12.000 <1</td><td>DET'N LIMIT = 0.0 .020 <t BDL BDL .020 <t .030 <t< td=""><td></td><td>= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1</td></t<></t </t </td></t<></t </t 	12.000 <1	DET'N LIMIT = 0.0 .020 <t BDL BDL .020 <t .030 <t< td=""><td></td><td>= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1</td></t<></t </t 		= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1
JAN FEB MAR APR MAY JUN	BDL .040 .020 .050 .290 .120 ISS	.030 <t .02f<br=""><t .05f<br=""><t .05f<br="">.300 .12f</t></t></t>	<	12.000 <1	DET'N LIMIT = 0.0		= 1.000 (A1) 020 <1 BDL .020 <1 .030 <1 080
JAN FEB MAR APR MAY JUN JUL	BDL .040 .020 .050 .290 .120 !SS .040	.030 <t .020="" .036<="" .050="" .120="" .151="" .300="" <t="" td=""><td> < </td><td>12.000 <1</td><td>DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" bol="" td=""><td></td><td>= 1.000 (A1) .020 < .020 < .030 <1 .030 <1</td></t></td></t>	<	12.000 <1	DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" bol="" td=""><td></td><td>= 1.000 (A1) .020 < .020 < .030 <1 .030 <1</td></t>		= 1.000 (A1) .020 < .020 < .030 <1 .030 <1
JAN FEB MAR APR MAY JUN JUL AUG	BDL .040 .020 .050 .290 .120 .155 .040 .050	.03(<t .02(<br=""><t .80)<br=""><t .05(<br="">.30(.12(.13; <t .03(<br=""><t .04(<="" td=""><td> < < </td><td>12.000 <1</td><td>DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" <t="" <t<="" td=""><td></td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080</td></t></td></t></t></t></t></t>	< <	12.000 <1	DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" <t="" <t<="" td=""><td></td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080</td></t>		= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080
JAN FEB MAR APR MAY JUN JUL AUG SEP	BDL .040 .050 .050 .050 .050 .050 .050	.030 <t .027="" .033="" .040="" .040<="" .050="" .120="" .121="" .300="" 801="" <t="" td=""><td> < < < </td><td>12.000 <1</td><td>DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" td=""><td></td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080</td></t></td></t>	< < <	12.000 <1	DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" td=""><td></td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080</td></t>		= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT	BDL .040 .020 .050 .290 .120 !SS .040 .050 .050 .050 .040	.036 <1 .021 <1 801 <1 .055 .300 .122 .151 <1 .036 <1 .046 <1 .046 <1 .056	< < < < < < < <	12.000 <1	DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" 80l="" <t="" <t<="" td=""><td></td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .030 <1 .080 .030 <1 .030 <1</td></t>		= 1.000 (A1) .020 <1 .020 <1 .030 <1 .030 <1 .080 .030 <1 .030 <1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV	BDL .040 .020 .050 .290 .120 .155 .040 .050 .050 .050 .050 .050 .040 .030	.033 <1 .020 <1 .020 <1 .050 .300 .120 .121 .151 <1 .036 <1 .046 <1 .046 <1 .056	< <	12.000 <1	DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" <t="" <t<="" td=""><td></td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .080 <1 .030 <1 .030 <1</td></t>		= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .080 <1 .030 <1 .030 <1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT	BDL .040 .020 .050 .290 .120 !SS .040 .050 .050 .050 .040	.033 <1 .020 <1 .020 <1 .050 .300 .120 .121 .151 <1 .036 <1 .046 <1 .046 <1 .056	< <	12.000 <1	DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" 80l="" <t="" <t<="" td=""><td></td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .030 <1 .080 .030 <1 .030 <1</td></t>		= 1.000 (A1) .020 <1 .020 <1 .030 <1 .030 <1 .080 .030 <1 .030 <1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	BOL .040 .020 .050 .120 .050 .050 .050 .050 .050 .050 .050 .0	.033 <1 .026 <1 .055 .300 .126 <1 .033 <1 .046 <1 .046 <1 .056 <1 .033 <1 .033 <1 .033	< <	12.000 <1	DET'N LIMIT = 0.0 .020 <t .020="" .030="" .040="" <t="" <t<="" td=""><td>O10 GUIDELINE</td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1</td></t>	O10 GUIDELINE	= 1.000 (A1) .020 <1 .020 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	BOL .040 .020 .050 .120 .050 .050 .050 .050 .050 .050 .050 .0	.033 <1 .026 <1 .055 .300 .126 <1 .033 <1 .046 <1 .046 <1 .056 <1 .033 <1 .033 <1 .033	<	12.000 <1	DET'N LIMIT = 0.4 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" td=""><td>O10 GUIDELINE</td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .03</td></t>	O10 GUIDELINE	= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .03
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	BDL .040 .050 .290 .120 .050 .050 .050 .050 .050 .050 .050 .0	.033	<	12.000 <1	DET'N LIMIT = 0.4 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" td=""><td>O10 GUIDELINE</td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1</td></t>	O10 GUIDELINE	= 1.000 (A1) .020 <1 .020 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	BDL .040 .020 .050 .050 .050 .040 .050 .050 .050 .05	.033 <t .026="" .026<="" .046="" .055="" .126="" .300="" .801="" <t="" td=""><td> < < < < < < < <</td><td></td><td>DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" .050="" 80l="" <t="" <t<="" td=""><td>O10 GUIDELINE</td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .03</td></t></td></t>	< < < < < < < <		DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" .050="" 80l="" <t="" <t<="" td=""><td>O10 GUIDELINE</td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .03</td></t>	O10 GUIDELINE	= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .03
JAN FEB MAR APR MAY JUN JUL SEP OCT NOV DEC	BDL .040 .050 .050 .290 .120 .050 .050 .050 .050 .050 .050 .050 .0	.030 <t)<="" .020="" .027="" .036="" .040="" .050="" .121="" .127="" .300="" <t="" td=""><td> < < < < < < < <</td><td>11.000</td><td>DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" bdl="" td=""><td>O10 GUIDELINE </td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .080 <1 .030 <1 .020 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1</td></t></td></t>	< < < < < < < <	11.000	DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" .050="" <t="" <t<="" bdl="" td=""><td>O10 GUIDELINE </td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .080 <1 .030 <1 .020 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1</td></t>	O10 GUIDELINE	= 1.000 (A1) .020 <1 .020 <1 .030 <1 .080 .030 <1 .080 <1 .030 <1 .020 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1
JAM FEB MAR APR MAY JUL AUG SEP OCT NOV DEC MANGANESE JAM FEB	BOL .040 .020 .050 .050 .290 .050 .050 .050 .050 .050 .050 .050 .0	.033 <1 .026 <1 .026 <1 .050 .300 .126 <1 .040 <1 .040 <1 .040 <1 .050 <1 .020 <1 .020 <1 .020 38.000 21.000 6.100	< < < < < < < < < < < < <	11.000	DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" .050="" .05<="" <t="" td=""><td>010 GUIDELINE</td><td>= 1.000 (A1) .020 <1 .020 <1 .030 <1</td></t>	010 GUIDELINE	= 1.000 (A1) .020 <1 .020 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1
JAM FEB MAR APR MAY JUN JUL AUG SEP OCT MOV DEC MANGANESE JAN FEB MAR	BOL	.033 <t .026="" .027="" .046="" .056="" .126="" .300="" 21.000="" 38.000="" 4.400<="" <t="" td=""><td> < /td><td>11.000</td><td>DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" <t="" <t<="" bdl="" td=""><td>010 GUIDELINE</td><td>= 1.000 (A1) .020 <1 BBL .020 <1 .030 <1 .080 .030 <1 /td></t></td></t>	< < < < < < < < < < < < <	11.000	DET'N LIMIT = 0.1 .020 <t .020="" .030="" .040="" <t="" <t<="" bdl="" td=""><td>010 GUIDELINE</td><td>= 1.000 (A1) .020 <1 BBL .020 <1 .030 <1 .080 .030 <1 /td></t>	010 GUIDELINE	= 1.000 (A1) .020 <1 BBL .020 <1 .030 <1 .080 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1 .030 <1

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
	EE 000	18 000	28,000	7.400		
JUL AUG	55.000 73.000	18.000 10.000	5,400	6.000	7,900	8.200
SEP	84.000	15.000	9.100	7.500	11700	
OCT	54.000	11.000	2.800	3.300	6,100	7,400
NOV	33,000	17.000	18,000	10.000	8.000	25,000
DEC	16.000	9.500	12.000	6.800	12.000	12.000
MOLYBOENU	M (UG/L)			DET'N LIMIT = 0.0	20 GUIDELINE =	N/A
JAN	.720	1.300				
	.210 <t< td=""><td>1.600</td><td>1.500</td><td>1.500</td><td>1,400</td><td>1.600</td></t<>	1.600	1.500	1.500	1,400	1.600
FEB	1.200	1.300	1.600	1.400	1.400	1.800
MAR	1.100	1.700	1,600	1.500		1.500
APR	1.100	1.800	2.000	1.900	1.900	2.000
MAY	1.700	2.500	2.300	2.800		
JUN	1.700	3.400	3.000	3.000	3.200	3.200
JUL	2.800	3.800	4.200	4.200	•	
AUG	2.800	3.700	3.700	3.800	3.500	3.400
SEP	2.000	3.300	3.400	3.400		
OCT	2.000	2.500	2.700	2.500	2.600	2.700
NOV	.850	1.900	1.800	1.700	1.900	1.800
DEC	.890	1.100	1.200	1.300	1.300	1.300
NICKEL (U	IG/L)			DET'N LIMIT = 0.	100 GUIDELINE =	50. (F3)
JAN	BOL	.170 <7				
	4.500	2.700	4.000	2.300	3.400	2.100
FEB	BDL	BOL	BDL	BOL	BDL	2.600
MAR	2.100	1.300 <t< td=""><td>2.300</td><td>1.800 <t< td=""><td></td><td>1.700 <t< td=""></t<></td></t<></td></t<>	2.300	1.800 <t< td=""><td></td><td>1.700 <t< td=""></t<></td></t<>		1.700 <t< td=""></t<>
APR	.610 <t< td=""><td>.480 <t< td=""><td>1.800 <t< td=""><td>BOL</td><td>3.700</td><td>.180 <t< td=""></t<></td></t<></td></t<></td></t<>	.480 <t< td=""><td>1.800 <t< td=""><td>BOL</td><td>3.700</td><td>.180 <t< td=""></t<></td></t<></td></t<>	1.800 <t< td=""><td>BOL</td><td>3.700</td><td>.180 <t< td=""></t<></td></t<>	BOL	3.700	.180 <t< td=""></t<>
MAY	2.100	1.900 <t< td=""><td>2.600</td><td>2.000 <t< td=""><td></td><td>•</td></t<></td></t<>	2.600	2.000 <t< td=""><td></td><td>•</td></t<>		•
JUN	BDL	BOL	3.100	.350 <7	2.200	.550 <t< td=""></t<>
JUL	.960 <t< td=""><td>1.800 <t< td=""><td>2.700</td><td>1.900 <t< td=""><td>•</td><td>•</td></t<></td></t<></td></t<>	1.800 <t< td=""><td>2.700</td><td>1.900 <t< td=""><td>•</td><td>•</td></t<></td></t<>	2.700	1.900 <t< td=""><td>•</td><td>•</td></t<>	•	•
AUG	.760 <t< td=""><td>.340 <1</td><td>1.700 <ī</td><td>.740 <t< td=""><td>4.700</td><td>1.600 <t< td=""></t<></td></t<></td></t<>	.340 <1	1.700 <ī	.740 <t< td=""><td>4.700</td><td>1.600 <t< td=""></t<></td></t<>	4.700	1.600 <t< td=""></t<>
SEP	.760 <t< td=""><td>.340 <t< td=""><td>1.100 <t< td=""><td>.390 <t< td=""><td></td><td></td></t<></td></t<></td></t<></td></t<>	.340 <t< td=""><td>1.100 <t< td=""><td>.390 <t< td=""><td></td><td></td></t<></td></t<></td></t<>	1.100 <t< td=""><td>.390 <t< td=""><td></td><td></td></t<></td></t<>	.390 <t< td=""><td></td><td></td></t<>		
OCT	1.300 <t< td=""><td>.580 <t< td=""><td>2.000 <t< td=""><td>.750 <7</td><td>8.700</td><td>.990 <t< td=""></t<></td></t<></td></t<></td></t<>	.580 <t< td=""><td>2.000 <t< td=""><td>.750 <7</td><td>8.700</td><td>.990 <t< td=""></t<></td></t<></td></t<>	2.000 <t< td=""><td>.750 <7</td><td>8.700</td><td>.990 <t< td=""></t<></td></t<>	.750 <7	8.700	.990 <t< td=""></t<>
NOV	BOL	BOL	1.600 <t< td=""><td>.110 <7</td><td>5.100</td><td>.590 <t< td=""></t<></td></t<>	.110 <7	5.100	.590 <t< td=""></t<>
DEC	BOL	.790 <ī	1.300 <t< td=""><td>.980 <t< td=""><td>4.900</td><td>1.600 <t< td=""></t<></td></t<></td></t<>	.980 <t< td=""><td>4.900</td><td>1.600 <t< td=""></t<></td></t<>	4.900	1.600 <t< td=""></t<>
LEAD (UG/	'L)			DET'N LIMIT = 0.	050 GUIDELINE =	50. (A1)
JAN	.710	.130 <7			2 700	. 370
	4.300	BDL	4.100	. 260	2.300	.370 1.700
FEB	.470	.140 <t< td=""><td>3.900</td><td>.520</td><td>17.000</td><td>.310</td></t<>	3.900	.520	17.000	.310
HAR	.820	.060 <t< td=""><td>3.100</td><td>.200 <t< td=""><td>2 000</td><td>.480</td></t<></td></t<>	3.100	.200 <t< td=""><td>2 000</td><td>.480</td></t<>	2 000	.480
APR	1.100	2.100	8.400	.580	2.900	.400
MAY	.980	.520 .440	3.100	.100 <t< td=""><td>8,900</td><td>3,600</td></t<>	8,900	3,600
JUL	2.200	.690	15.000 7.600	1.100	0.700	3.000
AUG	1,600	.350	2.900	.560	1.800	1.000
AUG	1.000	.330	2.700	.000	1.000	1.000

TABLE 5

DRINKING MATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

	RAW		TREATED		SITE 1		SITE 2		
					STANDING	FREE FLOW	STANDING	FREE FLOW	
SEP	1.800		.230		2.400	.580			
OCT	2.400		.360		2.100	.250	1.500	.6	20
NOA	1,100		.160	< T	2.600	.240	1.500	.4	
DEC	.480	<⊺	.100	< ₹	5.900	.290 <ī	3.300	.9	80
ANTIMONY	(UG/L)				DET'N LIMIT = .050	GNIDELINE	= 146. (D4)	
JAN	.340		.450						
	.150	< T	.380		.450	.410	.480	.5	70
FEB	.340		.440		.440	.400	.450	.6	40
MAR	.490		.550		.610	.670		.6	10
APR	.400		.540		.550	.520	.590	.4	50
MAY	.560		.700		.810	.730			
JUN	.740		1.000		1.000	.750	1.000	1.0	00
JUL	.640		.850		.880	.900			
AUG	.820		.950		.930	.970	.980	.8	20
SEP	.630		.750		.640	.700			
OCT	.470		.550		.590	.610	.700	.5	90
NOV	.470		.320		.410	.350	.560	.4	00
DEC	.430	< T	.550		.370 <t< td=""><td>.440 <t< td=""><td>.460</td><td><t .4<="" td=""><td>50 <t< td=""></t<></td></t></td></t<></td></t<>	.440 <t< td=""><td>.460</td><td><t .4<="" td=""><td>50 <t< td=""></t<></td></t></td></t<>	.460	<t .4<="" td=""><td>50 <t< td=""></t<></td></t>	50 <t< td=""></t<>
SELENIUM	(UG/L)				DET'N LIMIT = 0.200	GNIDELINE	= 10. (A1)	
MAL	.630	<7	.950	<7					
	1.600	<t< td=""><td>1.600</td><td><1</td><td>2.000 <t< td=""><td>2.000 <t< td=""><td>1.100</td><td><t 1.3<="" td=""><td>T> 00</td></t></td></t<></td></t<></td></t<>	1.600	<1	2.000 <t< td=""><td>2.000 <t< td=""><td>1.100</td><td><t 1.3<="" td=""><td>T> 00</td></t></td></t<></td></t<>	2.000 <t< td=""><td>1.100</td><td><t 1.3<="" td=""><td>T> 00</td></t></td></t<>	1.100	<t 1.3<="" td=""><td>T> 00</td></t>	T> 00
FEB	2.600	< T	3.700	<1	2.600 <t< td=""><td>3.500 <t< td=""><td>2.900</td><td><t 7.6<="" td=""><td>T> 00</td></t></td></t<></td></t<>	3.500 <t< td=""><td>2.900</td><td><t 7.6<="" td=""><td>T> 00</td></t></td></t<>	2.900	<t 7.6<="" td=""><td>T> 00</td></t>	T> 00
HAR	1.100	<₹	4.200	<1	3.100 <t< td=""><td>1.000 <t< td=""><td></td><td>2.8</td><td>T> 004</td></t<></td></t<>	1.000 <t< td=""><td></td><td>2.8</td><td>T> 004</td></t<>		2.8	T> 004
APR	5.400		6.100	<t< td=""><td>5.500 <t< td=""><td>8.400 <t< td=""><td>8.400</td><td><1 8.8</td><td>T> 00</td></t<></td></t<></td></t<>	5.500 <t< td=""><td>8.400 <t< td=""><td>8.400</td><td><1 8.8</td><td>T> 00</td></t<></td></t<>	8.400 <t< td=""><td>8.400</td><td><1 8.8</td><td>T> 00</td></t<>	8.400	<1 8.8	T> 00
MAY	.540	< T	4,600		4.200 <t< td=""><td>5.000 <t< td=""><td></td><td></td><td></td></t<></td></t<>	5.000 <t< td=""><td></td><td></td><td></td></t<>			
JUN	BDL		3.600	< Ţ	4.500 <t< td=""><td>5.300</td><td>2.400</td><td><t 5.1<="" td=""><td>00</td></t></td></t<>	5.300	2.400	<t 5.1<="" td=""><td>00</td></t>	00
JUL	2.200	< T	8.100		5.200	8.100			
AUG	2.500	<	6.300		7,100	6.700	6.500	4.9	7> 00
SEP	BDL		3.100	<1	4.000 <t< td=""><td>3.800 <t< td=""><td></td><td></td><td></td></t<></td></t<>	3.800 <t< td=""><td></td><td></td><td></td></t<>			
OCT	BDL		8DL		1.300 <7	1.700 <t< td=""><td>1.500</td><td><1 2.0</td><td>T> 00</td></t<>	1.500	<1 2.0	T> 00
NOV	2.000		1,300	<7	BDL	1.200 <t< td=""><td>1.100</td><td></td><td>ID L</td></t<>	1.100		ID L
DEC	1.100	<1	2.300	<1	2.000 <t< td=""><td>1.700 <7</td><td>1.200</td><td><t 1.7<="" td=""><td>T> 00°</td></t></td></t<>	1.700 <7	1.200	<t 1.7<="" td=""><td>T> 00°</td></t>	T> 00°
STRONTIUM	4 (UG/L)				DET'N LIMIT = .050	CRIDELINE	= N/A	
JAN	200.000		190.000						
	200.000		180.000		190.000	180.000	180.000	180.0	000
FEB	250.000		240.000		240.000	240.000	230.000	270.0	000
MAR	150.000		150.000		170.000	160,000		180.0	000
APR	250.000		240.000		240.000	230.000	240.000	240.0	000
HAY	260.000		260.000		260.000	260.000			
JUN	240.000		230.000		250.000	260.000	240.000	250.0	000
JUL	270.000		260.000		250.000	260.000			
AUG	230.000		240.000		230.000	230.000	220.000	210.0	000
SEP	220.000		210.000		210.000	220.000			
OCT	230.000		210.000		230.000	220.000	220.000	220.0	000

TABLE 5

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
NOV	270.000	270.000	270.000	260,000	260.000	260.000
DEC	300.000	290.000	300.000	290.000	290.000	280.000
TITANIUM	(UG/L)		• • • • • • • • • • • • • • • • • • • •	DET'N LIMIT = .050	GUIDELINE	= N/A
JAN	12.000	6.600				
	17.000	8.000	8.300	8.100	7.900	8.400
FEB	14.000	7.400	6.900	7.200	7.500	7.400
MAR	30.000	5.700	6.000	6.100		7.600
APR	22.000	16.000	15.000	16.000	16.000	16.000
HAY	13.000	6.600	7.300	7.200		
JUN	24.000	17.000	18.000	19.000	19.000	19.000
JUL	16.000	12.000	14.000	13.000		
AUG	10.000	8.300	8.200	8.200	8.200	7.900
SEP	15.000	12.000	12.000	12.000		
OCT	8.900	5.500	6.400	5.600	6.300	6.000
NOA	10.000	6.700	5.900	6.100	6.000	6.400
DEC	13.000	9.700	10.000	10.000	9.800	9.400
THALLIUM	(UG/L)	••••••••		DET'N LIMIT = .010	GUIDELINE	= 13. (04)
JAN	BDL	BDL				
	BDL	BDL	BDL	BDL	BDL	BDL
FEB	.050 <t< td=""><td>.020 <t< td=""><td>.070 <t< td=""><td>BDL</td><td>.040</td><td></td></t<></td></t<></td></t<>	.020 <t< td=""><td>.070 <t< td=""><td>BDL</td><td>.040</td><td></td></t<></td></t<>	.070 <t< td=""><td>BDL</td><td>.040</td><td></td></t<>	BDL	.040	
MAR	BDL	BOL	.030 <7	BDL		BDL
APR	.020 <t< td=""><td>BDL</td><td>BDL</td><td>.050 <t< td=""><td>BDL</td><td>BDL</td></t<></td></t<>	BDL	BDL	.050 <t< td=""><td>BDL</td><td>BDL</td></t<>	BDL	BDL
HAY	.060 <1	BDL	.070 <1	BDL		
JUN	.050 <t< td=""><td>.020 <t< td=""><td>.060 <t< td=""><td>.040 <t< td=""><td>.040</td><td><t .030="" <t<="" td=""></t></td></t<></td></t<></td></t<></td></t<>	.020 <t< td=""><td>.060 <t< td=""><td>.040 <t< td=""><td>.040</td><td><t .030="" <t<="" td=""></t></td></t<></td></t<></td></t<>	.060 <t< td=""><td>.040 <t< td=""><td>.040</td><td><t .030="" <t<="" td=""></t></td></t<></td></t<>	.040 <t< td=""><td>.040</td><td><t .030="" <t<="" td=""></t></td></t<>	.040	<t .030="" <t<="" td=""></t>
JUL	BDL	.020 <t< td=""><td>BDL</td><td>BDL</td><td></td><td></td></t<>	BDL	BDL		
AUG	.040 <t< td=""><td>.030 <7</td><td>BOL</td><td>.070 <1</td><td>.040</td><td><t .040="" <t<="" td=""></t></td></t<>	.030 <7	BOL	.070 <1	.040	<t .040="" <t<="" td=""></t>
SEP	.030 <t< td=""><td>.040 <t< td=""><td>BDL</td><td>BDL</td><td></td><td></td></t<></td></t<>	.040 <t< td=""><td>BDL</td><td>BDL</td><td></td><td></td></t<>	BDL	BDL		
OCT	.030 <t< td=""><td>.020 <t< td=""><td>BDL</td><td>.030 <t< td=""><td>BDL</td><td>BDL</td></t<></td></t<></td></t<>	.020 <t< td=""><td>BDL</td><td>.030 <t< td=""><td>BDL</td><td>BDL</td></t<></td></t<>	BDL	.030 <t< td=""><td>BDL</td><td>BDL</td></t<>	BDL	BDL
NOV	.020 <t< td=""><td>BOL</td><td>BDL</td><td>BDL</td><td>.030</td><td><t .030="" <t<="" td=""></t></td></t<>	BOL	BDL	BDL	.030	<t .030="" <t<="" td=""></t>
DEC	BDL	BDL	BDL	BDL	BDL	BDL
URANIUM (UG/L)			DET'N LIMIT = .020	GUIDELINE	= 100.(B1)
JAN	2.000	1.300				
	2.100	1.100	1.400	1.400	1.300	1.300
FEB	2.900	3.100	3.100	2.800	2.700	3.200
HAR	1.300	1.500	1.600	1.500		1.600
APR	2.800	2.600	2.700	2.700	2.800	2.800
MAY	2.900	3.000	2.900	3.300		
JUN	2.800	2.500	2.500	2.900	2.700	3.000
JUL	2.500	2.800	3.300	3.100		
AUG	1.700	2.100	2.100	2.000	2.000	2.000
SEP	1.400	1.500	1.400	1.500		
OCT	1.600	1.600	1.500	1.600	1.500	1.500
NOV	2.200	2.100	2.400	2.300	2.300	2,200
DEC	2.500	2.700	2.600	2.400	2.800	2.600

TABLE 5

DRINKING MATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
VANADIUM	(UG/L)			DET'N LIMIT = .050	GUIDELINE ≈	N/A
JAN	1.200	.380 <7				
	3.100	.360 <t< td=""><td>.420 <t< td=""><td>.300 <t< td=""><td>.330 <t< td=""><td>.230 <7</td></t<></td></t<></td></t<></td></t<>	.420 <t< td=""><td>.300 <t< td=""><td>.330 <t< td=""><td>.230 <7</td></t<></td></t<></td></t<>	.300 <t< td=""><td>.330 <t< td=""><td>.230 <7</td></t<></td></t<>	.330 <t< td=""><td>.230 <7</td></t<>	.230 <7
FEB	.610	.160 <t< td=""><td>.220 <t< td=""><td>.080 <t< td=""><td>.100 <t< td=""><td>.410 <t< td=""></t<></td></t<></td></t<></td></t<></td></t<>	.220 <t< td=""><td>.080 <t< td=""><td>.100 <t< td=""><td>.410 <t< td=""></t<></td></t<></td></t<></td></t<>	.080 <t< td=""><td>.100 <t< td=""><td>.410 <t< td=""></t<></td></t<></td></t<>	.100 <t< td=""><td>.410 <t< td=""></t<></td></t<>	.410 <t< td=""></t<>
MAR	1.600	.340 <t< td=""><td>.420 <7</td><td>.300 <t< td=""><td></td><td>.440 <t< td=""></t<></td></t<></td></t<>	.420 <7	.300 <t< td=""><td></td><td>.440 <t< td=""></t<></td></t<>		.440 <t< td=""></t<>
APR	1.100	.400 <t< td=""><td>.400 <t< td=""><td>.410 <t< td=""><td>.330 <t< td=""><td>.320 <t< td=""></t<></td></t<></td></t<></td></t<></td></t<>	.400 <t< td=""><td>.410 <t< td=""><td>.330 <t< td=""><td>.320 <t< td=""></t<></td></t<></td></t<></td></t<>	.410 <t< td=""><td>.330 <t< td=""><td>.320 <t< td=""></t<></td></t<></td></t<>	.330 <t< td=""><td>.320 <t< td=""></t<></td></t<>	.320 <t< td=""></t<>
HAY	1.200	.500 <7	.580	.540		
JUN	1.900	.930	.900	.990	.790	.840
JUL	1.800	1.300	1.400	1.400		
AUG	1.700	1.200	1.200	1.200	1.100	1.100
SEP	1.700	1.000	.990	.960		
OCT	1.300	.640	.700	.570	.580	.600
NOV	1.300	.540	.630	.610	.500 <t< td=""><td>.670</td></t<>	.670
DEC	.720	.440 <t< td=""><td>.580</td><td>.440 <7</td><td>.480 <t< td=""><td>.440 <7</td></t<></td></t<>	.580	.440 <7	.480 <t< td=""><td>.440 <7</td></t<>	.440 <7
ZINC (UG/	L)			DET'N LIMIT = .001	GUIDELINE =	5000. (A3)
MAL	11.000	12.000				
	24.000	8.500	97.000	28.000	23.000	3.800
FEB	11.000	5.100	52.000	17.000	160.000	4.100
MAR	11.000	1.600	25.000	6.100		2.500
APR	13.000	5.100	45.000	15.000	55.000	4.400
HAY	8.700	3.600	23.000	5.900		
JUN	25.000	6.300	110.000	30.000	20.000	6.700
JUL	10.000	7.300	48.000	18.000		
AUG	14.000	6.000	34.000	19.000	34.000	7.100
SEP	13.000	5.400	56.000	25.000		
OCT	4.900	5.800	63.000	24.000	64.000	6.400
NOV	9.700	5.200	54.000	26.000	44.000	6.000
DEC	14.000	4.800	65.000	19.000	110.000	14.000

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
	PESTICIO	ES & PCB				• • • • • • • • • • • • • • • • • • • •
ALPHA BH			DET'N L	IMIT = 1.000	GUIDELINE =	700 (G)
JAN	BOL	BDL				
	8DL	BOL		2.000	∢ .	7.000 <t< td=""></t<>
FEB	8DL	BOL		BOL		BOL
HAR	1.000 <t< td=""><td>3.000 <t< td=""><td></td><td>2.000</td><td><t .<="" td=""><td>1.000 <7</td></t></td></t<></td></t<>	3.000 <t< td=""><td></td><td>2.000</td><td><t .<="" td=""><td>1.000 <7</td></t></td></t<>		2.000	<t .<="" td=""><td>1.000 <7</td></t>	1.000 <7
APR	BDL	80L		BOL		BDL
MAY	BOL	80L		BOL		
JUN	1.000 <t< td=""><td>ILA</td><td></td><td>BDL</td><td></td><td>BOL</td></t<>	ILA		BDL		BOL
JUL	BDL	8DL		BDL		•
AUG	BOL	BOL		BDL		BOL
SEP	BOL	2.000 <t< td=""><td></td><td>BDL</td><td></td><td>•</td></t<>		BDL		•
OCT	BDL	112		BDL		80L
NOV	BOL	BOL		BDL		8DL
DEC	80L	BOL	•	BOL		BDL
LINDANE	(NG/L)		DET'N L	IMIT = 1.000	GUIDELINE =	4000 (A1)
JAN	2.000 <t< td=""><td>4.000 <t< td=""><td></td><td></td><td></td><td></td></t<></td></t<>	4.000 <t< td=""><td></td><td></td><td></td><td></td></t<>				
	BDL	BOL		2,000	∢⊺ .	BOL
FEB	BOL	BDL		BDL		BOL
MAR	BOL	2.000 <t< td=""><td></td><td>1.000</td><td><t .<="" td=""><td>1.000 <t< td=""></t<></td></t></td></t<>		1.000	<t .<="" td=""><td>1.000 <t< td=""></t<></td></t>	1.000 <t< td=""></t<>
APR	BOL	8DL		BOL		BDL
HAY	BOL	8DL		BOL		
JUN	BOL	1LA		BOL		BDL
JUL	1.000 <t< td=""><td>BOL</td><td></td><td>BDL</td><td></td><td></td></t<>	BOL		BDL		
AUG	BDL	BOL		BDL		BDL
SEP	BDL	BDL		BDL		
OCT	8DL	115		BDL		BOL
NOV	BOL	BOL		BOL		BOL
DEC	BDL	BDL		BDL	•	BDL
ATRAZINE	(NG/L)		DET'N L	INIT = 50.00	GUIDELINE =	60000 (B3)
JAN	BOL	BDL				
	400,000 <t< td=""><td>460.000 <t< td=""><td></td><td>700.000</td><td></td><td>550.000</td></t<></td></t<>	460.000 <t< td=""><td></td><td>700.000</td><td></td><td>550.000</td></t<>		700.000		550.000
FEB	BOL	80L	•	BDL		BOL
MAR	80.000 <t< td=""><td>BDL</td><td>:</td><td>220.000</td><td><t .<="" td=""><td>210.000 <t< td=""></t<></td></t></td></t<>	BDL	:	220.000	<t .<="" td=""><td>210.000 <t< td=""></t<></td></t>	210.000 <t< td=""></t<>
APR	BOL	BOL		INR		BOL
HAY	210.000 <t< td=""><td>BDL</td><td></td><td>BOL</td><td></td><td></td></t<>	BDL		BOL		
JUN	7210,000	3300.000		2800.000		3320.000
JUL	3330.000	2070.000		1300.000		
AUG	3460.000	2180.000				
SEP	300,000 <t< td=""><td>230.000 <t< td=""><td></td><td>INR</td><td></td><td></td></t<></td></t<>	230.000 <t< td=""><td></td><td>INR</td><td></td><td></td></t<>		INR		
OCT	300.000 <t< td=""><td>300,000 <t< td=""><td></td><td></td><td></td><td></td></t<></td></t<>	300,000 <t< td=""><td></td><td></td><td></td><td></td></t<>				
NOV	790.000	880.000				
DEC	630.000	510.000				
CYANAZIN	E (BLADEX) (NG/L)	DET'N L	IMIT = 100.00	GUIDELINE =	10000 (83)
JAN	BOL	BOL				
976	BO L	BUL				•

TABLE 5

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
JAN	BOL	BDL		BOL		BOL
FEB	BOL	BOL		BOL		BOL
MAR	BOL	BDL	•	BOL	•	BOL
APR	BOL	BOL	•	INR		BOL
HAY	BOL	BDL	•	BOL	•	BUL
JUN	2940.000	2050.000		1420.000	•	2230.000
JUL	BDL	2050.000 BDL	•	1420.000 BDL		2230.000
AUG	BOL	BDL	•	BUL	•	•
SEP	BOL			INR	•	•
OCT		BDL		188		•
	BDL	BDL				
NOA	BOL	BDL				
DEC	BDL	BDL				
ETHYL A	TRAZINE (NG/L)	DET'N L	IMIT = N/A	GUIDELINE =	N/A
JAN	BDL	BDL				
	270.000 <t< td=""><td>280.000 <t< td=""><td></td><td>840.000</td><td><t .<="" td=""><td>560.000 <</td></t></td></t<></td></t<>	280.000 <t< td=""><td></td><td>840.000</td><td><t .<="" td=""><td>560.000 <</td></t></td></t<>		840.000	<t .<="" td=""><td>560.000 <</td></t>	560.000 <
FEB	BDL	BDL		BOL		BOL
MAR	BDL	BDL		BOL		BOL
APR	BDL	BDL		INR		BOL
HAY	BDL	BDL		BDL		
JUW	340.000 <t< td=""><td>480,000 <t< td=""><td></td><td>470,000</td><td><t .<="" td=""><td>470.000 <</td></t></td></t<></td></t<>	480,000 <t< td=""><td></td><td>470,000</td><td><t .<="" td=""><td>470.000 <</td></t></td></t<>		470,000	<t .<="" td=""><td>470.000 <</td></t>	470.000 <
JUL	780.000 <t< td=""><td>450,000 <t< td=""><td></td><td>390.000</td><td><t .<="" td=""><td></td></t></td></t<></td></t<>	450,000 <t< td=""><td></td><td>390.000</td><td><t .<="" td=""><td></td></t></td></t<>		390.000	<t .<="" td=""><td></td></t>	
AUG	BOL	560,000 <t< td=""><td></td><td></td><td></td><td></td></t<>				
SEP	270.000 <t< td=""><td>BDL</td><td></td><td>INR</td><td></td><td></td></t<>	BDL		INR		
OCT	BDL	BOL				
NOV	330.000 <t< td=""><td>310,000 <t< td=""><td></td><td></td><td></td><td></td></t<></td></t<>	310,000 <t< td=""><td></td><td></td><td></td><td></td></t<>				
DEC	BOL	BDL				
OPAZINE	(NG/L)		DET'N L	IMIT = 50.00	GUIDELINE =	16000 (D2)
JAN	BOL	BOL				
	BDL	BOL		BOL	•	BDL
FEB	BDL	BOL		BOL	•	BDL
MAR	8DL	BOL		BDL		BOL
APR	BDL	BOL	•	INR		BOL
HAY			•		•	
JUN	BDL BDL	BOL		BDL	•	PDI
JUL	BDL			BDL	•	BDL
		BOL		BDL		•
AUG	BOL	BOL				
SEP	BDL	BDL		INR		
OCT	BDL	BOL				
NOV	50.000 <t< td=""><td>BOL</td><td></td><td></td><td></td><td></td></t<>	BOL				
DEC	BOL	BDL				
4AZINE (NG/L)		DET'N L	IMIT = 50.00	GUIDELINE =	10000 (83)
JAN	BOL	80 L				
	BDL	BDL		BDL		BOL
FEB	BOL	BOL	•	BDL		BDL

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT DISTRIBUTION SYSTEM

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
HAR	BOL	BOL		BDL		BOL
APR	BOL	BOL		INR		BOL
HAY	BOL	BOL	:	BOL		
JUN	BOL	BOL		BOL	:	BOL
JUL	BDL	BOL		BOL		
AUG	BOL	BOL				
SEP	BOL	BDL		INR		
OCT	BDL	BOL				
NOV	680,000	840.000				
DEC	BOL	BOL				
TOLACHL	OR (NG/L)		DET'N LI	MIT = 500.	GUIDELINE =	50000 (83)
JAN	BDL	BOL	•		•	BOL
	BOL	BDL	•	BDL	•	BOL
FEB MAR	BOL	BDL	•	BDL	•	BOL
APR	BDL	BOL	•	BDL	•	BOL
HAY	BOL	BOL	•	INR	•	
JUN	BDL 10700,000	BDL	•	BDL (180 000 1		5170.000
JUL	BDL	6200.000	•	4480.000 <		3170.000
		BDL .*	•	BOL		
AUG SEP	BDL	1890,000 <t< td=""><td>•</td><td></td><td></td><td></td></t<>	•			
OCT	BOL	BOL	•	INR		
NOV			•			
DEC	BDL	BDL			•	

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

WATER TREATMENT PLANT DISTRIBUTION SYSTEM

RAW TREATED SITE 1 SITE 2 STANDING FREE FLOW STANDING FREE FLOW PHENOLICS DET'N LIMIT = 0.2 GUIDELINE = 2.00 (A3) PHENOLICS (UG/L) JAN 3.600 2.000 3.600 2.600 FEB 2.200 2.000 MAR 6.600 6.800 APR 1,800 1.400 HAY 2.000 2.200 JUN 1.800 2.200 JUL 1.200 1,000 AUG 1.600 1,600 SEP 2.000 2.200 OCT 1.800 2.200 MOV 1.200 DEC .400 <T 1.600 1.200 .400 <T

.400 <T

TABLE 5

TABLE 5

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
CARBARYL		ECIFIC PESTICIDES	DET'N LII	41T = 200.	GUIDELINE =	70000 (A1)
JUN	1600.000	<t 650.000="" <t<="" td=""><td></td><td></td><td></td><td></td></t>				
NOA	BDL	BOL				

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
	VOLATII	EC				
ENZENE (UC				DET'N LIMIT = .050	GUIDELINE = 5.0	(B1)
JAN	BDL	BDL				
	BDL	BDL		BDL		BOL
FEB	BDL	BDL		BDL		BDL
MAR	BDL	BDL		BDL		BDL
APR	BDL	BDL		BDL		BDL
MAY	BDL	BDL		BDL		
JUN	BDL	BDL		BDL		BDL
JUL	BDL	BDL		BDL		
AUG	BDL	BDL		.050 <7		BDL
SEP	BDL	BOL		BDL		
OCT	BDL	BDL		BOL		BDL
NOV	BDL	BDL		BOL		BDL
DEC	BDL	BDL		BDL		BDL
OLUENE (UG	i/L)			DET'N LIMIT = .050	GUIDELINE = 24.	0 (84)
MAL	.100 <t< td=""><td>.100 <t< td=""><td></td><td></td><td></td><td></td></t<></td></t<>	.100 <t< td=""><td></td><td></td><td></td><td></td></t<>				
JAM	.100 <t< td=""><td>.100 <t< td=""><td></td><td>.100 <t< td=""><td>•</td><td>.050 <t< td=""></t<></td></t<></td></t<></td></t<>	.100 <t< td=""><td></td><td>.100 <t< td=""><td>•</td><td>.050 <t< td=""></t<></td></t<></td></t<>		.100 <t< td=""><td>•</td><td>.050 <t< td=""></t<></td></t<>	•	.050 <t< td=""></t<>
FEB	. 150 <t< td=""><td>.100 <7</td><td></td><td>BDL</td><td>•</td><td>BDL</td></t<>	.100 <7		BDL	•	BDL
MAR	BDL				•	.050 <t< td=""></t<>
APR		BDL		BDL	•	
	.100 <t< td=""><td>.050 <t< td=""><td></td><td>BDL</td><td>•</td><td>.050 <t< td=""></t<></td></t<></td></t<>	.050 <t< td=""><td></td><td>BDL</td><td>•</td><td>.050 <t< td=""></t<></td></t<>		BDL	•	.050 <t< td=""></t<>
HAY	BDL	BDL		BDL		
JUN	BDL	BDL		.050 <t< td=""><td></td><td>BDL</td></t<>		BDL
JUL	BDL	BDL		.050 <t< td=""><td>•</td><td>400</td></t<>	•	400
AUG	.100 <t< td=""><td>BDL</td><td></td><td>.100 <t< td=""><td>•</td><td>.100 <t< td=""></t<></td></t<></td></t<>	BDL		.100 <t< td=""><td>•</td><td>.100 <t< td=""></t<></td></t<>	•	.100 <t< td=""></t<>
SEP	.050 <t< td=""><td>.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td></td></t<></td></t<></td></t<>	.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td></td></t<></td></t<>		.050 <t< td=""><td></td><td></td></t<>		
OCT	BDL	BDL		BDL		BDL
NOV	BDL	BDL		BDL	•	BDL
DEC	BDL	BDL		BDL		BDL
THYLBENZEN	E (UG/L)			DET'N LIMIT = .050	GUIDELINE = 2.4	(B4)
JAN	.050 <t< td=""><td>BDL</td><td></td><td></td><td></td><td></td></t<>	BDL				
	.100 <t< td=""><td>.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td>BDL</td></t<></td></t<></td></t<>	.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td>BDL</td></t<></td></t<>		.050 <t< td=""><td></td><td>BDL</td></t<>		BDL
FEB	.100 <t< td=""><td>.050 <t< td=""><td></td><td>.100 <t< td=""><td></td><td>.050 <t< td=""></t<></td></t<></td></t<></td></t<>	.050 <t< td=""><td></td><td>.100 <t< td=""><td></td><td>.050 <t< td=""></t<></td></t<></td></t<>		.100 <t< td=""><td></td><td>.050 <t< td=""></t<></td></t<>		.050 <t< td=""></t<>
MAR	BDL	.050 <7		.050 <t< td=""><td></td><td>.050 <t< td=""></t<></td></t<>		.050 <t< td=""></t<>
APR	.050 <t< td=""><td>.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td>.050 <1</td></t<></td></t<></td></t<>	.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td>.050 <1</td></t<></td></t<>		.050 <t< td=""><td></td><td>.050 <1</td></t<>		.050 <1
MAY	BDL	BDL		BDL		
JUN	BDL	BDL		BDL		BDL
JUL	BDL	BDL		BDL		
AUG	.050 <7	BDL		BDL		BDL
SEP	BDL	BDL		BDL		
OCT	BDL	BDL	•	BOL		BDL
NOV	BDL	BDL	•	BDL	•	BDL
DEC	BDL	BDL		BDL		BDL
-XYLENE (U	G/L)			DET'N LIMIT = .100	GUIDELINE = 300) (B4)

TABLE 5

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
JAN	BDL	BDL		BDL	•	BDL
FEB	BDL	BDL		BOL		BDL
MAR	BDL	BDL		BOL	•	8DL
APR	.100 <t< td=""><td>BDL</td><td></td><td>.100 <t< td=""><td></td><td>BOL</td></t<></td></t<>	BDL		.100 <t< td=""><td></td><td>BOL</td></t<>		BOL
MAY	BOL	BDL		BOL		
JUN	BDL	BDL		BDL		BDL
JUL	BDL	BDL		BDL		
AUG	.200 <t< td=""><td>BDL</td><td></td><td>BDL</td><td></td><td>8DL</td></t<>	BDL		BDL		8DL
SEP	BDL	BOL		BDL		
OCT	BOL	BDL		BDL		BOL
NOV	BDL	BDL		BDL		BDL
DEC	BOL	BDL		BDL		8DL
-XYLENE (UG/	/L)			DET'N LIMIT = .0	50 GUIDELINE =	300 (B4)
JAN	BOL	BDL				
onn.	BDL	.050 <t< td=""><td></td><td>8DL</td><td>•</td><td>BOL</td></t<>		8DL	•	BOL
FEB	BDL	BDL		8DL		BOL
MAR	BDL	BDL		BDL	•	BDL
APR			•	BDL	•	BDL
	BDL	BDL				
MAY	BDL	BDL		BOL	•	BDL
JUN	BDL	BDL		.050 <t< td=""><td>•</td><td>ROL</td></t<>	•	ROL
JUL	BDL	BDL		BDL		
AUG	.100 <t< td=""><td>BDL</td><td></td><td>BOL</td><td>•</td><td>BDL</td></t<>	BDL		BOL	•	BDL
SEP	BDL	BDL		BDL		•
ост	BDL	BDL		BOL		BDL
NOV	BDL	BDL		BDL		BDL
DEC	BDL	BDL	•	BDL		BOL
TYRENE (UG/L	.)			OET'N LIMIT = .0	50 GUIDELINE =	46.5 (D2)
JAN	.400 <t< td=""><td>.150 <t< td=""><td></td><td></td><td></td><td></td></t<></td></t<>	.150 <t< td=""><td></td><td></td><td></td><td></td></t<>				
	BDL	.100 <t< td=""><td></td><td>BDL</td><td></td><td>BOL</td></t<>		BDL		BOL
FEB	.650 UCS	.150 <t< td=""><td></td><td>.400 <t< td=""><td></td><td>.250 <t< td=""></t<></td></t<></td></t<>		.400 <t< td=""><td></td><td>.250 <t< td=""></t<></td></t<>		.250 <t< td=""></t<>
MAR	.100 <t< td=""><td>.250 <t< td=""><td></td><td>.250 <t< td=""><td></td><td>.050 <1</td></t<></td></t<></td></t<>	.250 <t< td=""><td></td><td>.250 <t< td=""><td></td><td>.050 <1</td></t<></td></t<>		.250 <t< td=""><td></td><td>.050 <1</td></t<>		.050 <1
APR	.200 <t< td=""><td>.200 <t< td=""><td></td><td>.400 <t< td=""><td></td><td>.350 <1</td></t<></td></t<></td></t<>	.200 <t< td=""><td></td><td>.400 <t< td=""><td></td><td>.350 <1</td></t<></td></t<>		.400 <t< td=""><td></td><td>.350 <1</td></t<>		.350 <1
HAY	BDL	.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td></td></t<></td></t<>		.050 <t< td=""><td></td><td></td></t<>		
JUN	BDL	.050 <t< td=""><td></td><td>.050 <t< td=""><td></td><td>.100 <1</td></t<></td></t<>		.050 <t< td=""><td></td><td>.100 <1</td></t<>		.100 <1
JUL	.050 <t< td=""><td>.200 <t< td=""><td></td><td>.050 <t< td=""><td></td><td></td></t<></td></t<></td></t<>	.200 <t< td=""><td></td><td>.050 <t< td=""><td></td><td></td></t<></td></t<>		.050 <t< td=""><td></td><td></td></t<>		
AUG	BDL	.050 <t< td=""><td></td><td>.100 <t< td=""><td></td><td>.150 <7</td></t<></td></t<>		.100 <t< td=""><td></td><td>.150 <7</td></t<>		.150 <7
SEP	.100 <t< td=""><td>.150 <t< td=""><td>·</td><td>BDL</td><td></td><td></td></t<></td></t<>	.150 <t< td=""><td>·</td><td>BDL</td><td></td><td></td></t<>	·	BDL		
OCT	BDL	BDL		BOL		BDL
NOV	BDL	.050 <t< td=""><td></td><td>.150 <t< td=""><td></td><td>.050 <1</td></t<></td></t<>		.150 <t< td=""><td></td><td>.050 <1</td></t<>		.050 <1
DEC	.050 <t< td=""><td>.100 <t< td=""><td>:</td><td>.100 <t< td=""><td></td><td>BDL</td></t<></td></t<></td></t<>	.100 <t< td=""><td>:</td><td>.100 <t< td=""><td></td><td>BDL</td></t<></td></t<>	:	.100 <t< td=""><td></td><td>BDL</td></t<>		BDL
HLOROFORM (U	IG/L)			DET'N LIMIT = .1	00 GUIDELINE =	350 (A1+)
JAN	.100 <t< td=""><td>35.500</td><td></td><td></td><td></td><td></td></t<>	35.500				
JAR						7/ /22
FEB	BDL 100 <t< td=""><td>40.800</td><td></td><td>44.700</td><td></td><td>36.400 43.200</td></t<>	40.800		44.700		36.400 43.200
		60.200		49.000		

TABLE 5

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
MAR	BDL	10.300		13.400		23.200
APR	BDL	59.000		51,900		51.200
MAY	BDL	60,100	•	51,200		311200
JUN	BOL	49.600	•	62.000		56.000
JUL	.300 <7	73.400	•	67,000	•	30.000
AUG	BDL	91.000		74.500		75.200
SEP	BDL	69.100		54.000		
OCT	BDL	48.800	•	53,600		49.300
NOV	BDL	100,600		58.800		64.400
DEC	BOL	74.700		73.900		47.200
1, TRICHL	OROETHANE (UG/L)		DET'N LIMIT = .020	GUIDELINE = 2	100 (D1)
JAN	.060 <t< td=""><td>BOL</td><td></td><td></td><td></td><td></td></t<>	BOL				
	BDL	BDL		BOL		BOL
FEB	BDL	BDL		BDL		BDL
MAR	.080 <t< td=""><td>BDL</td><td></td><td>8D L</td><td></td><td>.040 <</td></t<>	BDL		8D L		.040 <
APR	BDL	BDL		BDL		BDL
MAY	BOL	BOL		BDL		
JUN	BDL	BDL		BDL		BDL
JUL	BDL	BDL		BDL		
AUG	BDL	BOL		BDL		BDL
SEP	BDL	BDL		BDL		
OCT	BDL	BOL		BDL		BDL
NOV	8DL	BDL		BDL		BDL
DEC	BDL	BDL		BDL		BDL
CHLOROBRO	MOMETHANE (UG/L)		DET'N LIMIT = .050	GUIDELINE = 3	550 (A1+)
JAN	BDL	12.650				
	BOL	13.850		14.300		12.300
FEB	BDL	19.000		17.400		15.300
HAR	BOL	.800		2.200		5.000
APR	BDL	16.800		14.750		13.700
HAY	BDL	17,300		15.600		
JUN	BDL	16.650		20.950		17.400
JUL	BDL	24.800		21.400		
AUG	BDL	30.250		25.400 APS		25.500
SEP	BOL	21.750		19.300		
OCT	BDL	23.450		23.650 APS		21.700 A
MOA	BDL	33.650		22.900		22.900
0EC	BDL	22.900		23.450		17.900
LORODIBRO	MOMETHANE (UG/L)		DET'N LIMIT = .100	GUIDELINE = 3	350 (A1+)
JAN	BDL	1.900				
	BDL	2.500		2.200		1.900
FEB	BDL	3.400		2.800		2.600
MAR	BOL	BDL		.400 <t< td=""><td></td><td>.800 <</td></t<>		.800 <
APR	BDL	3.000		3.300		3.200

TABLE 5

WATER TREATMENT PLANT

	RAW	TREATED	SITE 1		SITE 2	
			STANDING	FREE FLOW	STANDING	FREE FLOW
MAY	BOL	3.400		3.000		
JUN	BDL	3.000		4.300		3.400
JUL	BDL	5.600		5.100		
AUG	BOL	7.300		6.400 APS		6.000
SEP	BOL	4.300		5.000		
OCT	BOL	7.400		5.800		5.400
NOV	BDL	6.600		5.200		5.100
DEC	BOL	4.900		5.100		4.200
CHLOROET	HYLENE (UG/L)		DET'N LIMIT = .050	GUIDELINE =	10.0 (C2)
MAL	BOL	BDL				
	BOL	BDL		BDL		BDL
FER	BOL	BOL		BDL		BOL
M/F	BOL	BDL		BOL		.050 <t< td=""></t<>
APR	BDL	BDL		.050 <t< td=""><td></td><td>BDL</td></t<>		BDL
HAY	BDL	BDL		BOL		
JUN	BDL	,100 <t< td=""><td></td><td>.100 <t< td=""><td></td><td>BDL</td></t<></td></t<>		.100 <t< td=""><td></td><td>BDL</td></t<>		BDL
JUL	BDL	BOL		BOL		
AUG	BOL	BDL		BDL	-	BDL
SEP	BDL	.100 <t< td=""><td></td><td>.150 <t< td=""><td></td><td></td></t<></td></t<>		.150 <t< td=""><td></td><td></td></t<>		
OCT	BDL	BDL	•	BDL	•	BDL
NOV	BOL	BDL	•	BDL	•	BDL
DEC	BOL	BOL		BDL		BOL
ROMOFORM	(UG/L)			DET'N LIMIT = .200	GUIDELINE =	350 (A1+)
JAN	BDL	BDL				
unn.	BOL	BOL	•	BDL	•	BDL
FEB	BDL	BUL	•	BDL	•	BOL
MAR	BUL	001				
	201	BOL	•		•	
	BDL	BOL		BDL	:	BOL
APR	BDL	BDL 1.200 <t< td=""><td>:</td><td>BOL</td><td>:</td><td></td></t<>	:	BOL	:	
APR MAY	BDL BDL	BDL 1.200 <t BDL</t 	•	BOL BOL BOL	•	BDL BDL
APR MAY JUN	BDL BDL BDL	BDL 1.200 <t BDL BDL</t 	:	BOL BOL BOL .200 <t< td=""><td>:</td><td>BDL BDL</td></t<>	:	BDL BDL
APR MAY JUN JUL	BDL BDL BDL	BDL 1.200 <t BDL BDL .200 <t< td=""><td>· · ·</td><td>BDL BDL BDL .200 <t .200 <t< td=""><td></td><td>BOL BOL BOL</td></t<></t </td></t<></t 	· · ·	BDL BDL BDL .200 <t .200 <t< td=""><td></td><td>BOL BOL BOL</td></t<></t 		BOL BOL BOL
APR MAY JUN JUL AUG	BDL BDL BDL BDL	BDL 1.200 <t BDL BDL .200 <t .200 <t< td=""><td>· · · ·</td><td>BDL BDL .200 <t .200 <t BDL</t </t </td><td>: : : :</td><td>BOL BOL BOL</td></t<></t </t 	· · · ·	BDL BDL .200 <t .200 <t BDL</t </t 	: : : :	BOL BOL BOL
APR MAY JUN JUL AUG SEP	BOL BOL BOL BOL BOL	BDL 1.200 <t BDL .200 <t .200 <t BDL</t </t </t 		BDL BDL BDL .200 <t .200 <t BDL .400 <t< td=""><td>: : : :</td><td>BDL BDL BDL . 200 <1</td></t<></t </t 	: : : :	BDL BDL BDL . 200 <1
APR MAY JUN JUL AUG SEP OCT	BDL BDL BDL BDL	BDL 1.200 <t BDL BDL .200 <t .200 <t BDL .600 <t< td=""><td>:</td><td>BDL BDL .200 <t .200 <t BDL</t </t </td><td></td><td>BDL BDL BDL .200 <1</td></t<></t </t </t 	:	BDL BDL .200 <t .200 <t BDL</t </t 		BDL BDL BDL .200 <1
APR MAY JUN JUL AUG SEP	BOL BOL BOL BOL BOL	BDL 1.200 <t BDL .200 <t .200 <t BDL</t </t </t 		BDL BDL BDL .200 <t .200 <t BDL .400 <t< td=""><td></td><td>BDL BDL BDL .200 <1</td></t<></t </t 		BDL BDL BDL .200 <1
APR MAY JUN JUL AUG SEP OCT	BDL BDL BDL BDL BDL BDL BDL	BDL 1.200 <t BDL BDL .200 <t .200 <t BDL .600 <t< td=""><td></td><td>BDL BDL .200 <t .200 <t BDL .400 <t .400 <t< td=""><td></td><td>BDL BDL BDL</td></t<></t </t </t </td></t<></t </t </t 		BDL BDL .200 <t .200 <t BDL .400 <t .400 <t< td=""><td></td><td>BDL BDL BDL</td></t<></t </t </t 		BDL BDL BDL
APR MAY JUN JUL AUG SEP OCT NOV DEC	BOL BOL BOL BOL BOL BOL BOL	BDL 1.200 <t BDL .200 <t .200 <t .600 <t .600 <t .600 <t< td=""><td>:</td><td>BDL BDL .200 <t .200 <t BDL .400 <t .400 <t< td=""><td>GUIDELINE =</td><td>BDL BDL .200 < 1 .200 < 1 .200 < 1</td></t<></t </t </t </td></t<></t </t </t </t </t 	:	BDL BDL .200 <t .200 <t BDL .400 <t .400 <t< td=""><td>GUIDELINE =</td><td>BDL BDL .200 < 1 .200 < 1 .200 < 1</td></t<></t </t </t 	GUIDELINE =	BDL BDL .200 < 1 .200 < 1 .200 < 1
APR MAY JUN JUL AUG SEP OCT NOV DEC	BOL BOL BOL BOL BOL BOL BOL BOL BOL	BDL 1.200 <t BDL .200 <t .200 <t .600 <t .600 <t .600 <t< td=""><td>: : : : : : :</td><td>BDL BDL BDL .200 <t .200 <t BDL .400 <t .400 <t .400 <t .400 <t< td=""><td>GNIDEFINE =</td><td>BDL BDL .200 <1 .200 <1 .200 <1</td></t<></t </t </t </t </t </td></t<></t </t </t </t </t 	: : : : : : :	BDL BDL BDL .200 <t .200 <t BDL .400 <t .400 <t .400 <t .400 <t< td=""><td>GNIDEFINE =</td><td>BDL BDL .200 <1 .200 <1 .200 <1</td></t<></t </t </t </t </t 	GNIDEFINE =	BDL BDL .200 <1 .200 <1 .200 <1
APR MAY JUN JUL AUG SEP OCT NOV DEC	BOL BOL BOL BOL BOL BOL BOL BOL BOL	BDL 1.200 <t .200="" .600="" .600<="" <t="" bdl="" td=""><td></td><td>BDL BDL BDL .200 <t .200 <t BDL .400 <t .400 <t .400 <t .400 <t< td=""><td>GUIDELINE =</td><td>BDL BDL .200 <1 .200 <1 .200 <1</td></t<></t </t </t </t </t </td></t>		BDL BDL BDL .200 <t .200 <t BDL .400 <t .400 <t .400 <t .400 <t< td=""><td>GUIDELINE =</td><td>BDL BDL .200 <1 .200 <1 .200 <1</td></t<></t </t </t </t </t 	GUIDELINE =	BDL BDL .200 <1 .200 <1 .200 <1
APR MAY JUN JUL AUG SEP OCT NOV DEC	BOL BOL BOL BOL BOL BOL BOL BOL BOL BOL	BDL 1.200 <t .200="" .600="" .700="" <t="" b<="" bdl="" td=""><td></td><td>BDL BDL BDL .200 <t .200 <t BDL .400 <t .400 <t .400 <t BDL DET'N LIMIT = .500</t </t </t </t </t </td><td>GUIDELINE =</td><td>BDL BDL BDL .200 <1 .200 <1 .200 <1 .BDL</td></t>		BDL BDL BDL .200 <t .200 <t BDL .400 <t .400 <t .400 <t BDL DET'N LIMIT = .500</t </t </t </t </t 	GUIDELINE =	BDL BDL BDL .200 <1 .200 <1 .200 <1 .BDL
APR MAY JUN JUL AUG SEP OCT NOV DEC	BOL BOL BOL BOL BOL BOL BOL BOL COMETHANIES (UG,	BDL 1.200 <t .200="" .600="" .601="" .602="" .603="" .7l="" .7l<="" <t="" bdl="" bol="" td=""><td></td><td>BDL BDL BDL .200 <t .200="" .400="" .401="" .600="" 69.200<="" <t="" bdl="" det'n="" limit=".500" td=""><td>GUIDELINE =</td><td>BDL BDL BDL .200 < .200 < .200 < .BDL</td></t></td></t>		BDL BDL BDL .200 <t .200="" .400="" .401="" .600="" 69.200<="" <t="" bdl="" det'n="" limit=".500" td=""><td>GUIDELINE =</td><td>BDL BDL BDL .200 < .200 < .200 < .BDL</td></t>	GUIDELINE =	BDL BDL BDL .200 < .200 < .200 < .BDL
APR MAY JUN JUL AUG SEP OCT NOV DEC DTL TRIHAI	BOL BOL BOL BOL BOL BOL BOL BOL BOL BOL	BDL 1.200 <t .200="" .600="" .700="" .700<="" <t="" bdl="" td=""><td></td><td>BDL BDL BDL 200 <t .200="" .400="" .80l="" <<="" <t="" td=""><td>GUIDELINE =</td><td>BDL BDL . BDL . 200 <1 . 200 <1 . 200 <1 . 350 (A1)</td></t></td></t>		BDL BDL BDL 200 <t .200="" .400="" .80l="" <<="" <t="" td=""><td>GUIDELINE =</td><td>BDL BDL . BDL . 200 <1 . 200 <1 . 200 <1 . 350 (A1)</td></t>	GUIDELINE =	BDL BDL . BDL . 200 <1 . 200 <1 . 200 <1 . 350 (A1)
APR MAY JUN JUL AUG SEP OCT NOV DEC DTL TRIHAI JAN FEB MAR	BOL BOL BOL BOL BOL BOL BOL BOL BOL BOL	BDL 1.200 <t .200="" .600="" 200="" <t="" <t<="" bdl="" td=""><td></td><td>BDL BDL BDL .200 <t .200="" .400="" .401="" .600="" 69.200<="" <t="" bdl="" det'n="" limit=".500" td=""><td>GUIDELINE =</td><td>8DL 8DL .200 <1 .200 <1 .200 <1 .8DL .350 (A1)</td></t></td></t>		BDL BDL BDL .200 <t .200="" .400="" .401="" .600="" 69.200<="" <t="" bdl="" det'n="" limit=".500" td=""><td>GUIDELINE =</td><td>8DL 8DL .200 <1 .200 <1 .200 <1 .8DL .350 (A1)</td></t>	GUIDELINE =	8DL 8DL .200 <1 .200 <1 .200 <1 .8DL .350 (A1)

TABLE 5 DRINKING WATER SURVEILLANCE PROGRAM DRESDEN WTP 1989

DISTRIBUTION SYSTEM

RAW TREATED SITE 1 SITE 2

			STANDING	FREE FLOW	STANDING	FREE FLOW
JUL	BOL	104.000		93.700		
AUG	BDL	128.750		106.300		106.900
SEP	BDL	95.150		78.700		
OCT	BDL	80.250		83.450		76.600
NOV	BDL	141.450		87.300		92.600
DEC	BDL	102.500		102.450		69.300

TRACE LEVELS OF TOLUENE ARE LABORATORY ARTIFACTS DERIVED FROM THE ANALYTICAL METHODOLOGY.

WATER TREATMENT PLANT

TRACE LEVELS OF STYRENE ARE CONSIDERED TO BE LABORATORY ARTIFACTS RESULTING FROM THE LABORATORY SHIPPING CONTAINERS.

	DETECTION			
SCAN/PARAMETER	UNIT	LIMIT	GUIDE	LINE
SCHITTINGHEEDS.	01122			
BACTERIOLOGICAL				
FECAL COLIFORM MEMBRANE FILTRATION	CT/100ML	0	0	(A1)
STANDARD PLATE COUNT MEMBRANE	CT/ML	0		L(A1)
FILTRATION	02/12		,	_ (,
TOTAL COLIFORM MEMBRANE FILTRATION	CT/100ML	0	5/100m	L(A1)
TOTAL COLIFORM BACKGROUND MF	CT/100ML	0	N/A	. ,
CHLOROAROMATICS				
HEXACHLOROBUTADIENE	NG/L	1.000		(D4)
1,2,3-TRICHLOROBENZENE	NG/L		10000	(I)
1,2,3,4-TETRACHLOROBENZENE	NG/L		10000	(I)
1,2,3,5-TETRACHLOROBENZENE	NG/L		10000	(I)
1,2,4-TRICHLOROBENZENE	NG/L		10000	(I)
1,2,4,5-TETRACHLOROBENZENE	NG/L		38000 10000	(D4)
1,3,5-TRICHLOROBENZENE	NG/L NG/L	1.0	10.	(D4) (C1)
HEXACHLOROBENZENE	NG/L NG/L		1900.	(D4)
HEXACHLOROETHANE OCTACHLOROSTYRENE	NG/L NG/L	1.000		(54)
PENTACHLOROSITRENE	NG/L		74000	(D4)
2.3.6-TRICHLOROTOLUENE	NG/L	5.000		(24)
2,4,5-TRICHLOROTOLUENE	NG/L	5.000		
2,6,A-TRICHLOROTOLUENE	NG/L	5.000		
2,0,11	,		-	
CHLOROPHENOLS				
2,3,4-TRICHLOROPHENOL	NG/L	50.	N/A	
2,3,4,5-TETRACHLOROPHENOL	NG/L	50.	N/A	
2,3,5,6-TETRACHLOROPHENOL	NG/L	50.	N/A	
2,4,5-TRICHLOROPHENOL	NG/L	50. 2	600000	(D4)
2,4,6-TRICHLOROPHENOL	NG/L	50.	2000.	(B4)
PENTACHLOROPHENOL	NG/L	50.	30000.	(B4)
CHEMISTRY (FLD)				
FIELD COMBINED CHLORINE RESIDUAL	MG/L	N/A	N/A	
FIELD FREE CHLORINE RESIDUAL	MG/L	N/A	N/A	
FIELD TOTAL CHLORINE RESIDUAL	MG/L	N/A	N/A	
FIELD PH	DMSNLESS	N/A	6.5-8.	5(A4)
FIELD TEMPERATURE	°c	N/A	<15 °	C(A1)
FIELD TURBIDITY	FTU	N/A	1.0	(A1)
CHEMISTRY (LAB)				
ALKALINITY	MG/L	.200	30-50	0(A4)
CALCIUM	MG/L	.100		(F2)
CYANIDE	MG/L	.001		0(A1)
CHLORIDE	MG/L	. 200		(A3)
COLOUR	TCU	. 5		(A3)
CONDUCTIVITY	UMHO/CM	1.	400.	
FLUORIDE	MG/L	.01	2.4	(A1)
HARDNESS	MG/L	.50	80-10	00(A4)
MAGNESIUM	MG/L	.05	30.	(F2)

	D	ETECTION	
SCAN/PARAMETER	UNIT	LIMIT GUIDELI	NE
			_
NITRITE	MG/L	.001 1.0 (Al)
TOTAL NITRATES	MG/L	.02 10. (A1)
NITROGEN TOTAL KJELDAHL	MG/L	.02 N/A	
PH	DMSNLESS		A4)
PHOSPHORUS FIL REACT	MG/L	.0005 N/A	
PHOSPHORUS TOTAL	MG/L	.002 .40(
SULPHATE	MG/L	.200 500. (
TOTAL SOLIDS	MG/L	1. 500. (
TURBIDITY	FTU	.02 1.0 (Al)
METALS			
	UG/L	.050 100. (A4)
ALUMINUM	UG/L	,	,
ANTIMONY	UG/L	,	F3)
ARSENIC	UG/L	,	A1)
BARIUM			A1)
BORON BERYLLIUM	UG/L UG/L	.010 0.20	A1)
CADMIUM	UG/L	.050 5.0 (
	UG/L		(H)
COBALT	UG/L		A1)
CHROMIUM COPPER	UG/L		A3)
IRON	UG/L	,	A3)
MERCURY	UG/L	.01 1.0 (
MANGANESE	UG/L	.050 50. (
MOLYBDENUM	UG/L		(H)
NICKEL	UG/L	.100 50. (
LEAD	UG/L		A1)
SELENIUM	UG/L		A1)
SILVER	UG/L	.020 50. (
STRONTIUM	UG/L	,	(H)
THALLIUM	UG/L	.010 13. (
TITANIUM	UG/L	.100 N/A	,
URANIUM	UG/L	,	A2)
VANADIUM	UG/L		(H)
ZINC	UG/L		A3)
PHENOLICS	, .		
PHENOLICS (UNFILTERED REACTIVE)	UG/L	.2 2.0 (A3)
PESTICIDES & PCB			
ALDRIN	NG/L	1.0 700. (A1)
AMETRINE	NG/L		D3)
ATRAZINE	NG/L	50. 60000. (B3)
ALPHA HEXACHLOROCYCLOHEXANE (BHC)	NG/L		(G)
BETA HEXACHLOROCYCLOHEXANE (BHC)	NG/L	1.0 300.	(G)
GAMMA HEXACHLOROCYCLOHEXANE (LINDANE)	NG/L	1.0 4000. (A1)
ALPHA CHLORDANE	NG/L		A1)
GAMMA CHLORDANE	NG/L		A1)
BLADEX	NG/L	100. 10000. (B3)
DIELDRIN	NG/L	2.0 700. ((A1)
METHOXYCHLOR	NG/L		(B1)
ENDOSULFAN 1 (THIODAN I)	NG/L	2.0 74000. ((D4)
ENDOSULFAN 2 (THIODAN II)	NG/L		D4)
ENDRIN	NG/L		(A1)
ENDOSULFAN SULPHATE (THIODAN SULPHATE)NG/L	4.0 N/A	

	DETECTION			
SCAN/PARAMETER	UNIT	LIMIT	GUIDE	LINE
HEPTACHLOR EPOXIDE	NG/L	1.0		(A1)
HEPTACHLOR	NG/L	1.0	3000. 50000.	(A1) (B3)
METOLACHLOR	NG/L	5.0	N/A	(63)
MIREX	NG/L NG/L	2.0	N/A	
OXYCHLORDANE	NG/L	5.0		(A1)
O,P-DDT PCB	NG/L		3000.	(A2)
O,P-DDD	NG/L	5.0	N/A	,,
PPDDE	NG/L	1.0	30000.	(A1)
PPDDT	NG/L	5.0	30000.	(A1)
ATRATONE	NG/L	50.	N/A	
ALACHLOR	NG/L	500.	35000.	(D2)
PROMETONE	NG/L	50.	52500.	(D3)
PROPAZINE	NG/L	50.	16000.	(D2)
PROMETRYNE	NG/L	50.	1000.	(B3)
SENCOR (METRIBUZIN)	NG/L	100.	80000.	(B2)
SIMAZINE	NG/L	50.	10000.	(B3)
POLYAROMATIC HYDROCARBONS				
PHENANTHRENE	NG/L	10.0	N/A	
ANTHRACENE	NG/L	1.0	N/A	
FLUORANTHENE	NG/L	20.0	42000.	(D4)
PYRENE	NG/L	20.0	N/A	
BENZO (A) ANTHRACENE	NG/L	20.0	N/A	
CHRYSENE	NG/L	50.0	N/A	
DIMETHYL BENZO(A) ANTHRACENE	NG/L	5.0	N/A	
BENZO (E) PYRENE	NG/L	50.0	N/A	
BENZO(B)FLUORANTHENE	NG/L	10.0	N/A	
PERYLENE	NG/L	10.0	n/A n/A	
BENZO(K) FLUORANTHENE	NG/L	5.0	10.	(B1)
BENZO(A) PYRENE	NG/L NG/L	20.0	N/A	(81)
BENZO(G,H,I)PERYLENE	NG/L	10.0	N/A	
DIBENZO(A,H)ANTHRACENE INDENO(1,2,3-C,D)PYRENE	NG/L	20.0	N/A	
BENZO(B)CHRYSENE	NG/L	2.0	N/A	
CORONENE	NG/L	10.0	N/A	
	•			
SPECIFIC PESTICIDES				
TOXAPHENE	NG/L	N/A	5000.	(A1)
2,4,5-TRICHLOROBUTYRIC ACID	NG/L	50.	200000.	(B4)
(2,4,5-T)	NG /T	100.	100000.	(A1)
2,4-DICHLOROBUTYRIC ACID (2,4-D)	NG/L NG/L	200.	18000.	(B3)
2,4-DICHLORORPHENOXYBUTYRIC ACID 2,4-D PROPIONIC ACID	NG/L	100.	N/A	(/
DICAMBA	NG/L	100.	120000.	(B1)
PICLORAM	NG/L	100.	190000.	(B3)
SILVEX (2,4,5-TP)	NG/L	50.	10000.	(A1)
DIAZINON	NG/L	20.	20000.	(B1)
DICHLOROVOS	NG/L	20.	N/A	
DURSBAN	NG/L	20.	N/A	
ETHION	NG/L	20.	35000.	(G)
GUTHION (AZINPHOSMETHYL)	NG/L	N/A		(B1)
MALATHION	NG/L	20.		(B1)
MEVINPHOS	NG/L	20.	N/A	
METHYL PARATHION	NG/L	50.	7000.	(A1)
METHYLTRITHION	NG/L	20.	N/A	

		ETECTION		
SCAN/PARAMETER	UNIT	LIMI	GUIDE	LINE
PARATHION	NG/L	20.	50000.	(B1)
PHORATE (THIMET)	NG/L	20.	2000.	(B3)
RELDAN	NG/L	20.	N/A	
RONNEL	NG/L	20.	N/A	
AMINOCARB	NG/L	N/A	N/A	
BENONYL	NG/L	N/A	N/A	
BUX (METALKAMATE)	NG/L	2000.	N/A	
CARBOFURAN	NG/L	2000.	90000.	(B1)
CICP (CHLORPROPHAM)	NG/L	2000.	350000.	(G)
DIALLATE	NG/L	2000.	30000.	(H)
EPTAM	NG/L	2000.	N/A	
IPC	NG/L	2000.	N/A	
PROPOXUR (BAYGON)	NG/L	2000.	90000.	(G)
SEVIN (CARBARYL)	NG/L	200.	90000.	(B1)
SUTAN (BUTYLATE)	NG/L	2000.	245000.	(D3)

VOLATILES

BENZENĒ	UG/L	.050	5.0 (B1)
TOLUENE	UG/L	.050	24.0 (B4)
ETHYLBENZENE	UG/L	.050	2.4 (B4)
PARA-XYLENE	UG/L	.100	300. (B4)
META-XYLENE	UG/L	.100	300. (B4)
ORTHO-XYLENE	UG/L	.050	300. (B4)
1,1-DICHLOROETHYLENE	UG/L	.100	7.0 (D1)
ETHLYENE DIBROMIDE	UG/L	.05	.05 G)
METHYLENE CHLORIDE	UG/L	.500	50. (B1)
TRANS-1,2-DICHLOROETHYLENE	UG/L	.100	70. (D5)
1,1-DICHLOROETHANE	UG/L	.100	N/A
CHLOROFORM	UG/L	.100	350. (A1+)
1,1,1-TRICHLOROETHANE	UG/L	.020	200. (D1)
1,2-DICHLOROETHANE	UG/L	.050	5.0 (D1)
CARBON TETRACHLORIDE	UG/L	.200	5.0 (B1)
1,2-DICHLOROPROPANE	UG/L	.050	6.0 (D5)
TRICHLOROETHYLENE	UG/L	.100	50. (B1)
DICHLOROBROMOMETHANE	UG/L	.050	350. (A1+)
1,1,2-TRICHLOROETHANE	UG/L	.050	.60(D4)
CHLORODIBROMOMETHANE	UG/L	.100	350. (A1+)
TETRACHLOROETHYLENE	UG/L	.050	10.0 (C2)
BROMOFORM	UG/L	.200	350. (A1+)
1,1,2,2-TETRACHLOROETHANE	UG/L	.050	0.17(D4)
CHLOROBENZENE	UG/L	.100	60. (D5)
1,4-DICHLOROBENZENE	UG/L	.100	1.0 (B4)
1,3-DICHLOROBENZENE	UG/L	.100	130. (G)
1,2-DICHLOROBENZENE	UG/L	.050	3.0 (B4)
TRIFLUOROCHLOROTOLUENE	UG/L	.100	N/A
TOTAL TRIHALOMETHANES	UG/L	.500	350. (A1)
STYRENE	UG/L	.05	140. (D5)



